

3
388.11
H3en2
1960

STATE DOCUMENTS

ESTIMATE OF THE COST OF
COMPLETING THE NATIONAL SYSTEM OF INTERSTATE AND DEFENSE HIGHWAYS
IN THE STATE OF MONTANA

AUGUST 1, 1960

PREPARED BY THE MONTANA HIGHWAY DEPARTMENT
IN COOPERATION WITH THE BUREAU OF PUBLIC ROADS
DEPARTMENT OF COMMERCE
IN ACCORDANCE WITH
SECTION 104 (b)(5), TITLE 23, U.S. CODE HIGHWAYS

MONTANA STATE LIBRARY
930 East Lyndale Avenue
Helena, Montana 59601



BRITISH COLUMBIA ALBERTA DOMINION OF CANADA SASKATCHEWAN

NORTH DAKOTA

SOUTH DAKOTA

MONTANA

WYOMING

To Coeur D'Alene

Great Falls
(See Inset)

Missoula

HELENA

Butte
(See Inset)

Billings

Bozeman
Pass

Glendive

To Dickinson

To Sheridan

To Idaho Falls

- STATE LINE CONTROL AREA
- ◯ NAMED CONTROL AREA

MONTANA INTERSTATE ROUTES

IN THE APPROVED 41,000 MILE SYSTEM
(Status as of January 1, 1960)

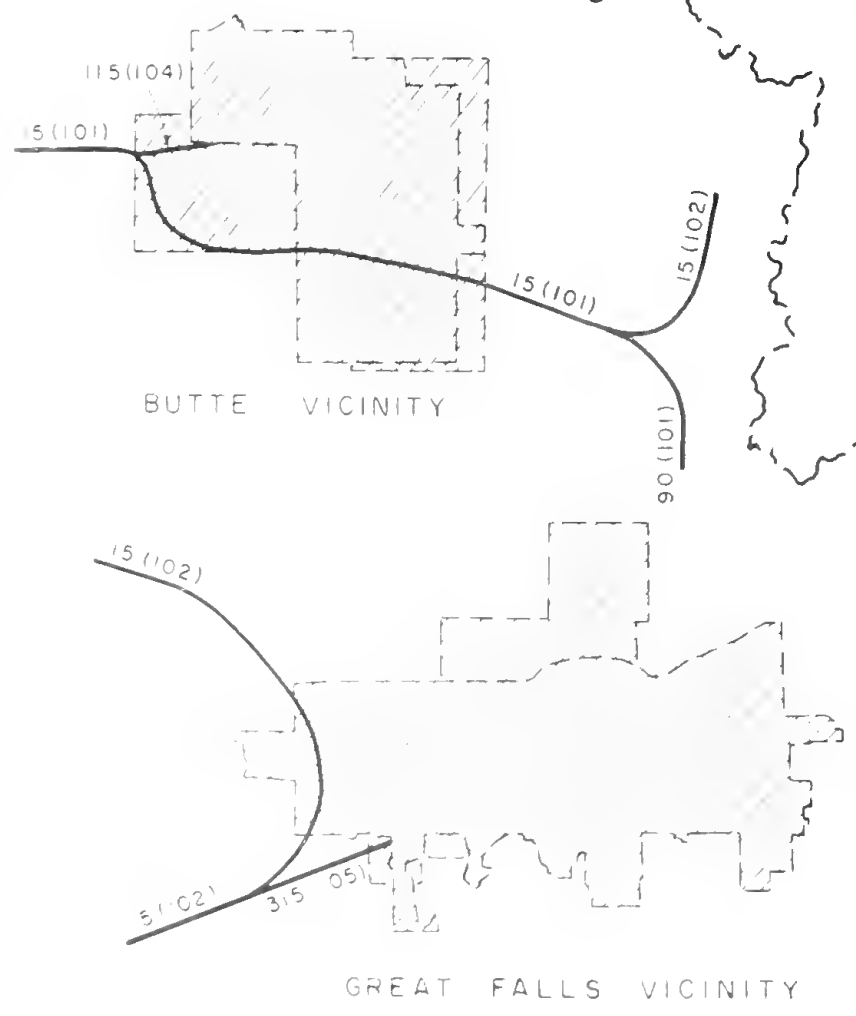


TABLE A

APPROVED INTERSTATE ROUTE DESCRIPTIONS

State MONTANA

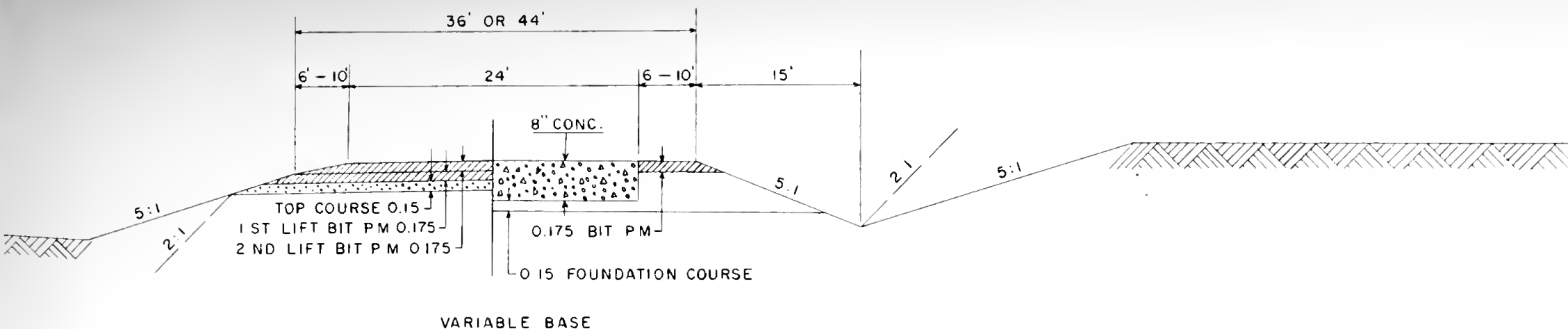
Route Number		Route Identification Code	Route Description	Length, Miles
New	Old			
15	102 101	1	From the Montana-Idaho State line at Monida Pass via Butte, Helena, and Great Falls to the international boundary at Sweetgrass	387.0
90	101- 103	1	From the Montana-Idaho State line at Lookout Pass via Missoula to a point on Interstate Route 15 west of Butte, and from another point on Interstate Route 15 east of Butte via Bozeman Pass and Billings to the Montana-Wyoming State line north of Sheridan, Wyoming	542.8
94	101	1	From a point on Interstate Route 90 near Billings via Glendive to the Montana-North Dakota State line near Beach, North Dakota	246.8
115	104	1	From a point on Interstate Route 15 west of Butte to Butte	1.4
315	105	1	From a point on Interstate Route 15 southwest of Great Falls to Great Falls	1.0
TOTAL				1179.0



Digitized by the Internet Archive
in 2011 with funding from
Montana State Library

<http://www.archive.org/details/estimateofcostof1960mont>

		TYPICAL SECTION REFERENCE CODE			
		RIGHT SHOULDER		BIT. SURF.	CONC. SURF.
2 LANE		2 LANE	10'	20	22
			6'	21	23



36' OR 44'

6'-10' 24' 6'-10' 15'

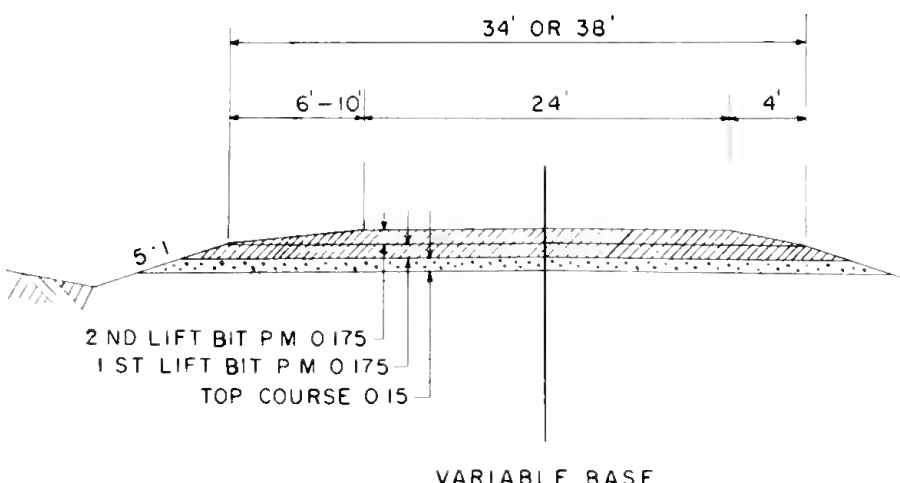
8" CONC.

0.175 BIT PM

0.15 FOUNDATION COURSE

VARIABLE BASE

		MEDIAN WIDTH			
		36' & OVER 16'		36' & OVER 16'	
4 LANE DEPRESSED	10'	40	42	50	52
	6'	41	43	51	53



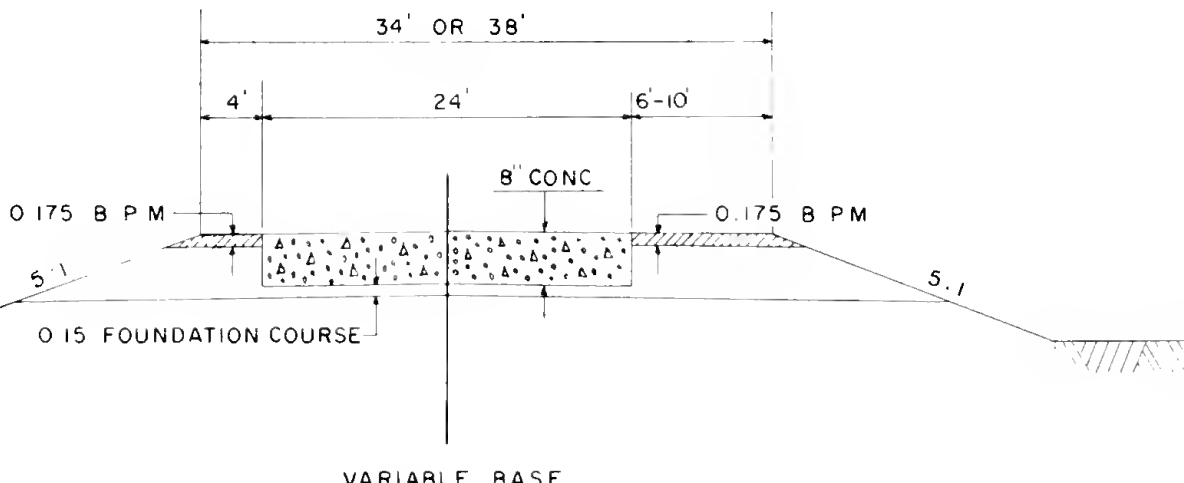
34' OR 38'

6'-10' 24' 4'

0.175 B PM

0.15 FOUNDATION COURSE

VARIABLE BASE



34' OR 38'

4' 24' 6'-10'

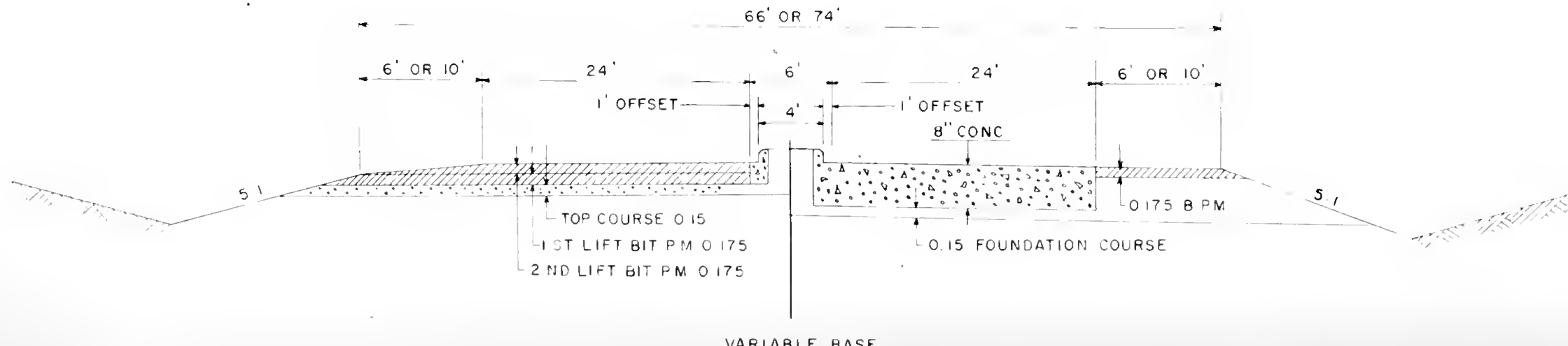
8" CONC.

0.175 B PM

0.15 FOUNDATION COURSE

VARIABLE BASE

		4 LANE 6' CURBED MEDIAN			
4 LANE 6' CURBED MEDIAN	10'	44		54	
	6'	45		55	



66' OR 74'

6' OR 10' 24' 6' 24' 6' OR 10'

1' OFFSET 4' 1' OFFSET

8" CONC.

0.175 B PM

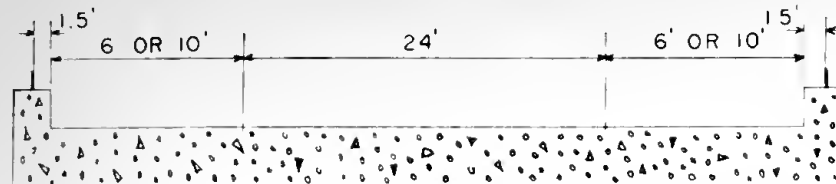
0.15 FOUNDATION COURSE

VARIABLE BASE

BRIDGES

SHORT BRIDGE

LENGTH 150' OR LESS



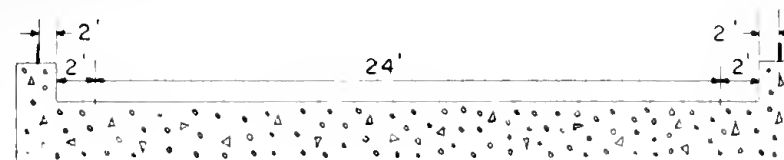
CODE:

10' SHOULDER 60

6' SHOULDER 61

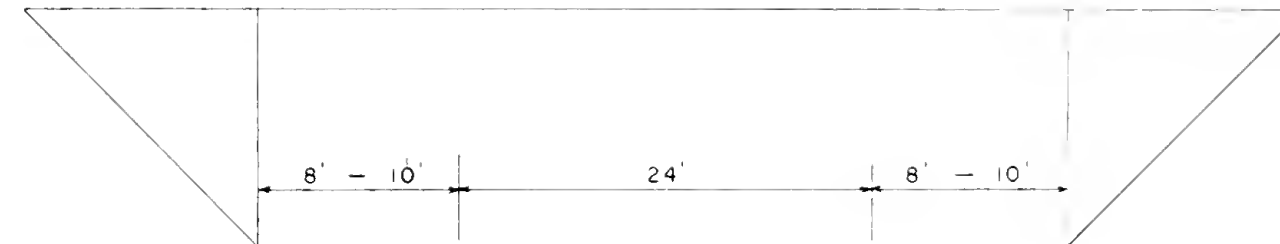
LONG BRIDGE

LENGTH OVER 150'



CODE 71

UNDERPASSES

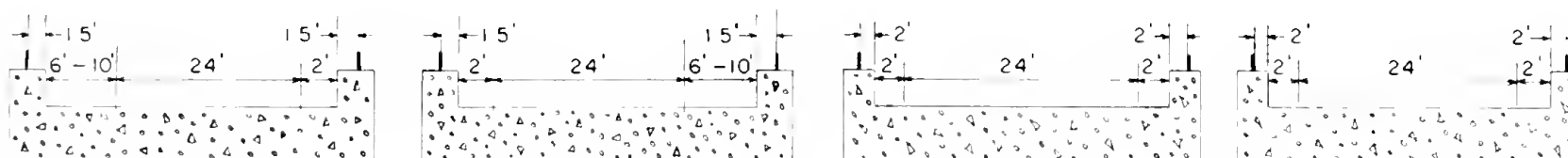


CODE:

10' SHOULDER 80

8' SHOULDER 81

WIDE MEDIAN



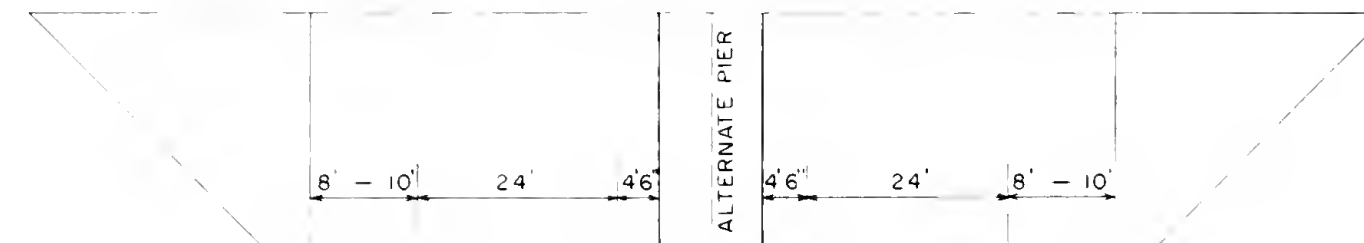
CODE:

10' SHOULDER 62

6' SHOULDER 63

CODE 73

WIDE MEDIAN

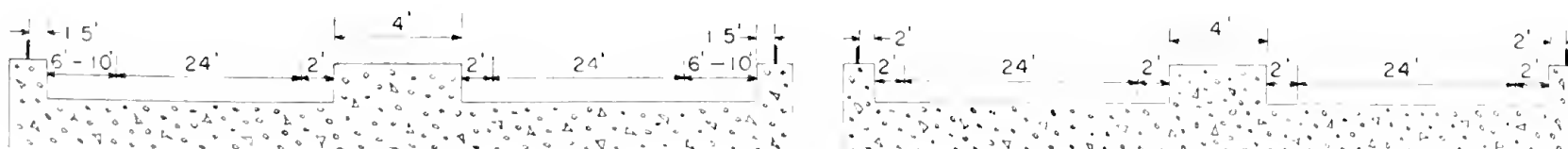


CODE:

10' SHOULDER 82

8' SHOULDER 83

NARROW MEDIAN



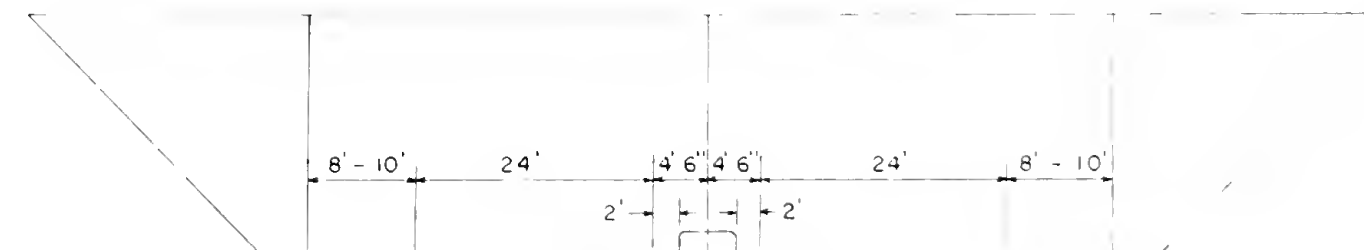
CODE:

10' SHOULDER 64

6' SHOULDER 65

CODE 75

NARROW MEDIAN



CODE:

10' SHOULDER 84

8' SHOULDER 85

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 15[illegible]

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	101	101	101	101	102	102	102
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G14-G15	G15-G16	G16-G17	G17-G18.1G18.1-G18.2G18.2-G18.3	G18.3-G19	G19-G20.1	G20.1-G20.2G20.2-G20.3G20.3-G20.4	G20.4-G21	G21-G22.1	G22.1-G22.2G22.2-G22.3					
I T E M -															
1. Section length, miles	3.3	5.5	10.2	4.7	1.3	1.7	1.0	1.5	3.5	4.1	0.8	0.4	3.8	0.3	4.2
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	U	R	R	R		R
3. Location - existing, new or toll	N	E	N	N	E	E	E	E	E	N	N	N	N	N	N
4. Traffic: ADT 1958	698	703	780	780	775	825	825	1137	4870	4860	2090	2090	1040	1040	660
5. Traffic: ADT 1975	1800	1800	1900	1900	1900	2000	2000	2800	12500	13300	5700	5700	2700	2700	600
6. Traffic: DHV 1975	230	230	250	250	250	260	260	360	1520	1460	740	740	350	350	210
7. Directional distribution factor (D), 1975	55%	55%	55%	55%	55%	55%	55%	65%	65%	65%	60%	60%	55%	55%	55%
8. Percent trucks (T), 1975	10%	10%	10%	10%	10%	10%	10%	8%	7%	5%	8%	8%	10%	10%	10%
9. Design speed (V)	60	50	60	50	70	60	60	60	60	60	60	60	50	50	50
10. Number of through traffic lanes	2	4	2	4	2	2	4	4	4	4	4	4	4	4	4
11. Mileage without frontage roads	3.3	5.5	9.9	4.4	1.0	1.7	1.0	1.0	3.5	4.1	0.8	0.4	3.8	0.3	4.2
12. Mileage with frontage road one side only	-	-	0.3	0.3	0.3	-	-	-	-	-	-	-	-	-	-
13. Mileage with frontage road on both sides	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-
14. Typical cross-section reference	20	45	20	40	20	20	40	40	40	50	50	50	55	55	45
15. Right-of-way width: minimum	300	300	300	300	300	300	260	260	300	300	180	200	300	300	300
prevailing	300	300	300	300	300	300	260	260	300	300	250	250	300	300	300
16. Median width: minimum	-	6	-	46	-	-	36	36	76	36	36	36	6	6	6
prevailing	-	6	-	46	-	-	36	36	76	36	36	36	6	6	6

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

STATE _____ MONTANA _____

NEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G32-H1	H1-H2	H2-H3	H3-H4	H4-H5	H5-H6	H6-H7.1	H7.1-H7.2	H7.2-H8	H8-H9.1	H9.1-H9.2	H9.2-H10	H10-H11	H11-H12	H12-H13
I T E M															
1. Section length, miles	6.0	8.3	6.0	3.8	3.6	4.8	2.4	1.5	2.5	5.0	1.7	4.0	2.9	5.4	2.6
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	E	N	N	N	E	E	N	E	E	N	N	N	N	N	E
4. Traffic: ADT 1958	989	1043	904	914	940	940	940	940	1014	1014	1227	1227	1227	1227	564
5. Traffic: ADT 1975	2800	3000	2400	2400	2500	2500	2500	2500	2700	2700	3300	3300	3300	3300	4200
6. Traffic: DHV 1975	420	450	360	360	370	370	370	370	400	400	490	490	490	490	630
7. Directional distribution factor (D), 1975	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%
8. Percent trucks (T), 1975	12%	12%	12%	12%	12%	15%	15%	12%	12%	12%	12%	12%	12%	12%	12%
9. Design speed (V)	60	50	50	50	50	50	50	60	60	60	70	70	70	70	60
10. Number of through traffic lanes	2	4	4	2	4	4	4	2	2	2	2	2	4	2	4
11. Mileage without frontage roads	5.0	7.2	4.5	1.8	-	2.8	2.4	1.5	2.2	1.3	0.7	4.0	2.9	5.4	2.0
12. Mileage with frontage road one side only	1.0	1.1	1.5	2.0	3.6	2.0	-	-	0.3	3.7	1.0	-	-	-	0.6
13. Mileage with frontage road on both sides	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14. Typical cross-section reference	20	45	45	21	45	45	45	21	21	20	20	20	40	20	40
15. Right-of-way width: minimum	300	300	300	300	300	300	300	300	300	300	300	230	300	300	300
prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: minimum	-	6	6	-	6	6	6	-	-	-	-	-	76	-	46
prevailing	-	6	6	-	6	6	6	-	-	-	-	-	76	-	46

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

STATE MONTANANEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102			
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1			
Section	II-I2	I2-I3	I3-I4	I4-I5	I5-I6.1	I6.1-I6.2	I6.2-I7	I7-I8.1	I8.1-I8.2	I8.2-I9	I9-II0	II0-II1	RURAL	URBAN	TOTAL
I T E M															
1. Section length, miles	14.6	1.3	3.4	3.4	3.3	2.3	11.1	10.1	4.2	0.8	3.5	0.5	379.9	7.1	387.0
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R			
3. Location - existing, new or toll	N	N	N	E	N	E	E	E	E	E	E	E			
4. Traffic: ADT 1958	1563	1013	1031	1031	1240	890	934	953	877	623	623	623			
5. Traffic: ADT 1975	4300	2700	2700	2700	3300	2300	2400	2400	2200	1600	1600	1600			
6. Traffic: DHV 1975	560	350	350	350	430	300	310	310	290	210	210	210			
7. Directional distribution factor (D),1975	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%			
8. Percent trucks (T),1975	13%	15%	15%	15%	15%	15%	15%	17%	15%	17%	17%	17%			
9. Design speed (V)	70	70	60	70	60	70	70	70	70	60	60	70			
10. Number of through traffic lanes	2	2	4	2	4	2	2	2	2	2	4	4			
11. Mileage without frontage roads	13.2	1.3	2.4	2.9	2.5	2.0	11.1	3.1	4.2	0.8	3.5	0.5	322.4	0.9	
12. Mileage with frontage road one side only	1.4	-	1.0	-	0.6	0.3	-	1.0	-	-	-	-	45.6	0.4	45.8
13. Mileage with frontage road on both sides	-	-	-	0.5	0.2	-	-	6.0	-	-	-	-	11.9	-	11.9
14. Typical cross-section reference	20	20	40	20	40	20	20	20	20	20	40	40			
15. Right-of-way width: minimum	300	300	300	300	260	300	300	300	300	210	240	240			
prevailing	300	300	300	300	300	300	300	300	300	250	260	240			
16. Median width: minimum	-	-	46	-	46	-	-	-	-	-	46	46			
prevailing	-	-	46	-	46	-	-	-	-	-	46	46			

Signatures: _____
State: Name and Title

BPR Division Engineer

Date _____

Date _____

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 6

STATE Montana

NEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G1-G2	G2-G3	G3-G4	G4-G5	G5-G6	G6-G7	G7-G8.1	G8.1-G8.2	G8.2-G9	G9-G10	G10-G11.1	G11.1-G11.2	G11.2-G12	G12-G13	G13-G14
Section length, miles (0.1 mile)	1.6	11.2	4.4	5.9	1.9	12.7	8.0	5.0	5.2	3.4	6.5	9.5	3.2	9.1	5.7
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	E	E	E	N	E	N	N	E	E	N	N	N	N	N
No. Lanes to be constructed this estimate	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Finance code	23	22	22	22	23	22	23	23	22	22	23	23	23	23	23
WORK CLASSIFICATION				ESTIMATED COSTS (1,000 Dollars)											
1. Preliminary engineering	--	--	--	31	18	61	--	--	--	--	--	--	--	--	44
2. Right-of-way	--	--	--	143	55	191	156	70	26	120	261	150	25	85	85
3. Clear & grub; demolition	--	--	--	--	--	--	--	6	6	3	6	--	--	6	9
4. Utility adjustments	--	--	--	8	1	42	5	9	9	13	6	3	--	--	3
5. Grade & Drain; minor structures	--	--	--	139	90	263	215	162	388	57	246	174	227	397	436
6. Base; surfacing; shoulders	50	352	138	330	112	829	424	265	276	180	352	449	151	430	302
7. R.R. grade separations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	163
8. Highway grade separations without ramps	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	--	--	--	157	157	157	157	--	--	--	317	157	--	--	184
10. Other bridges; tunnels	--	--	--	--	--	--	135	147	24	--	127	--	--	323	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	--	--	--	64	39	90	60	36	49	22	142	70	20	73	40
13. Roadside improvement	5	32	13	17	5	36	43	14	15	10	18	27	9	26	35
14. All other items	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	55	384	151	715	404	1417	1039	639	767	285	1214	880	407	1255	959
16. Construction Engineering & Contingencies, 10% of line 15	5	38	15	72	40	142	104	64	77	28	121	88	41	126	96
17. Total Estimated Cost	60	422	166	961	517	1811	1299	773	870	433	1596	1118	473	1466	1182

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 2 OF 6

STATE MontanaNEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G14-G15	G15-G16	G16-G17	G17-G18.1	G18.1-G18.2	G18.2-G18.3	G18.3-G19	G19-G20.1	G20.1-G20.2	G20.2-G20.3	G20.3-G20.4	G20.4-G21	G21-G22.1	G22.1-G22.2	G22.2-G22.3
Section length, miles (0.1 mile)	3.3	5.5	10.2	4.7	1.3	1.7	1.0	1.5	3.5	4.1	0.8	0.4	3.8	0.3	4.4
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	U	R	R	R	R	R
Location: Existing, new, or toll	N	E	N	N	E	E	E	E	E	N	N	N	N	N	N
No. lanes to be constructed this estimate	2	4	2	4	2	2	4	4	4	4	4	4	4	4	4
No. through traffic lanes	2	4	2	4	2	2	4	4	4	4	4	4	4	4	4
Finance code	23	22	23	23	22	22	22	22	22	23	23	23	23	23	23
WORK CLASSIFICATION	ESTIMATED COSTS (1,000 Dollars)														
1. Preliminary engineering	10	57	56	51	15	--	--	--	38	19	3	4	--	6	30
2. Right-of-way	51	51	120	85	20	--	--	--	75	1470	10	12	181	2	31
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	1	51
4. Utility adjustments	1	8	3	10	1	--	--	--	--	275	18	1	23	1	41
5. Grade & Drain; minor structures	43	427	473	403	56	--	--	--	--	415	178	73	1745	57	1119
6. Base; surfacing; shoulders	175	582	543	443	71	--	--	--	199	303	166	83	822	65	112
7. R.R. grade separations	--	--	--	--	--	--	--	--	--	724	--	--	110	--	--
8. Highway grade separations without ramps	--	--	--	--	--	--	--	--	--	150	70	106	96	--	--
9. Interchanges, complete	--	207	169	259	157	--	--	--	483	698	--	248	--	--	405
10. Other bridges; tunnels	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	20	78	93	56	57	1	--	11	126	399	40	128	73	6	43
13. Roadside improvement	10	16	29	14	4	5	3	4	10	12	2	1	11	1	12
14. All other items	--	--	--	--	--	--	--	--	75	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	249	1318	1310	1185	346	6	3	15	893	2976	474	640	2880	131	1866
16. Construction Engineering & Contingencies, 10% of line 15	25	132	131	118	34		1	2	89	297	47	64	288	13	186
17. Total Estimated Cost	335	1558	1617	1439	415	6	4	17	1095	4762	534	720	3349	152	2185

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 3 OF 6

STATE MontanaNEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G22.3-G22.4	G22.4-G23	G23-G24	G24-G25	G25-G26.1	G26.1-G26.2	G26.2-G27	G27-G28.1	G28.1-G28.2	G28.2-G28.3	G28.3-G29	G29-G30	G30-G31.1	G31.1-G31.2	G31.2-G32
Section length, miles (0.1 mile)	6.0	9.9	5.4	7.1	8.6	4.5	0.3	2.2	0.4	0.2	1.2	5.9	2.3	7.4	1.5
Class: Rural or Urban	R	R	R	R	R	R	R	R	U	U	U	R	R	R	R
Location: Existing, new, or toll	N	N	N	E	E	E	E	E	N	N	N	N	N	E	E
No. Lanes to be constructed this estimate	4	4	2	4	2	2	2	4	4	4	4	4	4	4	4
No. through traffic lanes	4	4	2	4	2	2	2	4	4	4	4	4	4	4	2
Finance code	23	23	23	22	22	22	22	22	23	23	23	23	23	22	22
WORK CLASSIFICATION			ESTIMATED COSTS (1,000 Dollars)												
1. Preliminary engineering	251	369	36	114	--	--	--	19	3	--	12	29	8	43	4
2. Right-of-way	44	73	154	128	327	345	23	169	31	--	104	452	176	97	20
3. Clear & grub; demolition	36	119	--	6	13	--	1	--	--	--	--	--	--	9	--
4. Utility adjustments	29	49	7	41	73	48	3	6	--	--	30	12	--	2	--
5. Grade & Drain; minor structures	5013	6916	210	1552	533	210	28	109	81	--	107	348	79	1454	87
6. Base; surfacing; shoulders	635	1048	259	704	414	221	16	263	46	--	139	806	267	733	84
7. R.R. grade separations	--	--	--	--	--	87	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	129	62	--	62	--	--	--	--	--	60	103	--	--	--
9. Interchanges, complete	--	--	158	205	158	158	--	361	--	--	182	165	--	252	--
10. Other bridges; tunnels	--	123	53	--	25	--	--	--	--	--	--	58	43	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	104	178	63	113	81	75	5	171	20	6	125	47	14	67	9
13. Roadside improvement	17	28	15	28	25	13	1	6	1	--	3	17	7	11	4
14. All other items	--	--	--	--	--	--	--	--	--	--	--	--	--	37	--
15. Subtotal, lines 3 to 14	5834	8590	827	2649	1384	812	54	1006	148	6	646	1556	410	2565	184
16. Construction Engineering & Contingencies, 10% of line 15	584	859	83	265	138	81	6	101	15	1	65	156	41	256	18
17. Total Estimated Cost	6713	9891	1100	3156	1849	1238	83	1295	197	7	827	2193	635	2961	226

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 4 OF 6

STATE MontanaNEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G32-H1	H1-H2	H2-H3	H3-H4	H4-H5	H5-H6	H6-H7.1	H7.1-H7.2	H7.2-H8	H8-H9.1	H9.1-H9.2	H9.2-H10	H10-H11	H11-H12	H12-H13
Section length, miles (0.1 mile)	6.0	8.3	6.0	3.8	3.6	4.8	2.4	1.5	2.5	5.0	1.7	4.0	2.9	5.4	4.0
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	N	N	N	E	E	N	E	E	N	N	N	N	N	N
No. lanes to be constructed this estimate	2	4	4	2	4	4	4	2	2	2	2	2	4	2	4
No. through traffic lanes	2	4	4	2	4	4	4	2	2	2	2	2	4	2	4
Finance code	22	23	23	23	22	22	23	22	22	23	23	23	23	23	22
WORK CLASSIFICATION			ESTIMATED COSTS (1,000 Dollars)												
1. Preliminary engineering	14	--	--	--	--	--	--	--	--	--	--	--	--	--	10
2. Right-of-way	78	208	151	95	90	120	125	79	110	220	65	--	--	--	44
3. Clear & grub; demolition	--	50	18	3	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	5	105	7	3	8	3	4	5	8	5	4	--	--	--	1
5. Grade & Drain; minor structures	192	1737	1192	825	576	1961	1055	184	413	651	138	--	--	--	55
6. Base; surfacing; shoulders	291	739	716	195	507	608	280	71	121	312	104	--	--	--	122
7. R.R. grade separations	--	523	--	85	--	--	194	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	54	70	--	108	--	--	--	42	--	--	--	--	--
9. Interchanges, complete	166	402	--	268	252	252	--	198	126	134	142	--	--	--	--
10. Other bridges; tunnels	--	549	--	487	--	--	709	44	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	64	211	79	86	93	110	78	28	27	37	16	--	--	--	10
13. Roadside improvement	17	26	17	11	20	--	--	4	7	14	5	8	4	15	7
14. All other items	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	735	4342	2083	2033	1456	3042	2320	534	702	1195	409	8	4	15	231
16. Construction Engineering & Contingencies, 10% of line 15	74	434	208	203	146	304	232	53	70	120	41	1	0	1	23
17. Total Estimated Cost	901	4984	2442	2331	1692	3466	2677	666	882	1535	515	9	4	16	308

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

NEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	H13-H14	H14-H15	H15-H16	H16-H17	H17-H18	H18-H19	H19-H20	H20-H21.1	H21.1-H21.2	H21.2-H22	H22-H23.1	H23.1-H23.2	H23.2-H24	H24-H25	H25-I1
Section length, miles (0.1 mile)	4.3	1.5	0.7	1.2	1.7	1.4	6.9	10.1	7.0	8.8	2.7	2.3	1.0	2.8	13.1
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	N	N	N	N	N	N	E	E	E	E	E	E	E	E
No. Lanes to be constructed this estimate	2	4	4	4	4	4	4	2	2	2	2	2	2	2	2
No. through traffic lanes	2	4	4	4	4	4	4	2	2	2	2	2	2	2	2
Finance code	22	23	23	23	23	23	23	22	22	22	22	22	22	22	23
WORK CLASSIFICATION	ESTIMATED COSTS (1,000 Dollars)														
1. Preliminary engineering	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-way	72	25	152	260	368	--	--	141	98	136	42	35	15	43	296
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	6	37	12	58	8	--	--	5	39	33	4	7	2	23	27
5. Grade & Drain; minor structures	122	99	34	84	87	--	--	291	147	117	50	22	18	41	266
6. Base; surfacing; shoulders	273	314	145	254	377	--	--	579	432	362	151	86	56	157	756
7. R.R. grade separations	--	--	--	--	274	--	--	--	--	--	--	--	--	--	129
8. Highway grade separations without ramps	--	--	90	108	108	--	--	135	--	--	--	--	--	--	43
9. Interchanges, complete	166	110	257	205	138	--	--	170	163	363	--	--	--	--	503
10. Other bridges; tunnels	--	--	--	546	--	--	--	--	--	--	126	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	37	34	150	169	89	1	46	83	54	75	17	25	6	17	112
13. Roadside improvement	12	4	2	3	5	4	19	49	20	25	8	6	3	8	37
14. All other items	37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	653	598	690	1427	1086	5	65	1312	855	975	356	146	85	246	1873
16. Construction Engineering & Contingencies, 10% of line 15	65	60	69	143	109	--	7	131	85	97	35	15	9	25	187
17. Total Estimated Cost	818	683	911	1830	1563	5	72	1584	1038	1208	433	196	109	314	2350

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

NEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102			
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	Subtotal		Total
Section	11 - 12	12 - 13	13 - 14	14 - 15	15 - 16.1	16.1-16.2	16.2-17	17 - 18.1	18.1-18.2	18.2-19	19-110	110-111	Rural	Urban	For route
Section length, miles (0.1 mile)	14.6	1.3	3.4	3.4	3.3	2.3	11.1	10.1	4.2	0.8	3.5	0.5	379.9	7.1	387.0
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R			
Location: Existing, new, or toll	N	N	N	E	N	E	E	E	E	E	E	E			
No. lanes to be constructed this estimate	2	2	4	2	4	2	2	2	2	2	4	4			
No. through traffic lanes	2	2	4	2	4	2	2	2	2	2	4	4			
Finance code	23	23	23	22	23	22	22	22	22	22	22	22			
WORK CLASSIFICATION	ESTIMATED COSTS (1,000 Dollars)														
1. Preliminary engineering	--	1	9	2	--	--	--	--	--	--	--	--	1409	34	1443
2. Right-of-way	261	20	51	51	--	--	116	106	--	16	346	49	7837	1865	8602
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	343	--	343
4. Utility adjustments	7	2	12	41	--	--	1	78	--	1	2	14	1065	363	1428
5. Grade & Drain; minor structures	541	139	746	49	4	--	156	313	--	24	336	11	36299	687	36986
6. Base; surfacing; shoulders	827	73	344	198	4	--	621	679	--	47	347	49	24624	742	25366
7. R.R. grade separations	123	--	--	--	--	--	--	--	--	--	--	--	1688	724	2412
8. Highway grade separations without ramps	36	--	--	108	--	--	--	123	--	--	--	--	1545	318	1863
9. Interchanges, complete	317	--	125	--	--	--	316	158	--	--	--	213	9390	1085	10475
10. Other bridges; tunnels	100	--	679	--	--	--	--	--	--	--	--	--	3752	546	4298
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	111	8	31	21	136	3	90	73	15	5	21	28	4506	719	5225
13. Roadside improvement	62	3	10	10	9	7	32	29	12	2	10	1	1144	19	1163
14. All other items	--	--	--	--	37	37	--	--	--	--	--	--	223	--	223
15. Subtotal, lines 3 to 14	2124	225	1947	427	190	47	1216	1453	27	79	716	316	84579	5203	89782
16. Construction Engineering & Contingencies, 10% of line 15	212	22	195	43	19	5	122	145	3	8	72	32	8457	521	8978
17. Total Estimated Cost	2597	268	2202	523	209	52	1454	1704	30	103	1134	397	102282	7623	109905

Signatures: _____ Date _____
 State: Name and Title _____

 BPR Division Engineer

BY ROUTE SECTIONS WITH ROUTE TOTALS

NEW INTERSTATE ROUTE NO. 15

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

Sheet 2 of 6

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	101	101	101	101	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G14-G15	G15-G16	G16-G17	G17-G18.1	G18.1-G18.2	G18.2-G18.3	G18.3-G19	G19-G20.1	G20.1-G20.2	G20.2-G20.3	G20.3-G20.4	G20.4-G21	G21-G22.1	G22.1-G22.2	G22.2-G22.3
Section length, miles (0.1 mile)	3.3	5.5	10.2	4.7	1.3	1.7	1.0	1.5	3.5	4.1	0.8	0.4	3.3	0.3	4.2
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	E	N	N	E	E	E	E	E	N	N	N	N	N	N
No. Lanes to be constructed this estimate	2	4	2	4	2	2	4	4	4	4	4	4	4	4	4
No. through traffic lanes	2	4	2	4	2	2	4	4	4	4	4	4	4	4	4
Finance code	23	22	23	23	22	22	22	22	22	23	23	23	23	22	23
WORK CLASSIFICATION	ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES														
Item No. from Table C															
7. R.R. grade separations	Cost	-	-	-	-	-	-	-	-	724	-	-	110	-	-
No. for which costs estimated		-	-	-	-	-	-	-	-	3	-	-	1	-	-
No. in service - cost = zero		-	-	-	-	-	-	-	1	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	1	-	-	-	-	-	-	-
8. Highway grade separations without ramps	Cost	-	-	-	-	-	-	-	-	150	70	106	96	-	-
No. for which costs estimated		-	-	-	-	-	-	-	-	2	1	1	1	-	-
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Interchanges, complete	Cost	-	207	169	259	157	-	-	483	698	-	248	-	-	205
No. for which costs estimated		-	1	1	1	1	-	-	2	3	-	1	-	-	1
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	1	-	-	-	-	-	-	-
10. Other bridges: tunnels	Cost	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. for which costs estimated		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total structures	Cost	-	207	169	259	157	-	-	483	1572	70	354	206	-	205
No. for which costs estimated		-	1	1	1	1	-	-	2	8	1	2	2	-	1
No. in service - cost = zero		-	-	-	-	-	-	-	1	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	2	-	-	-	-	-	-	-

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

Sheet 3 of 6

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANANEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G22.3-G22.4	G22.4-G23	G23-G24	G24-G25	G25-G26.1	G26.1-G26.2	G26.2-G27	G27-G28.1	G28.1-G28.2	G28.2-G28.3	G28.3-G29	G29-G30	G30-G31.1	G31.1-G31.2	G31.2-G32
Section length, miles (0.1 mile)	6.0	9.9	5.4	7.1	8.6	4.5	0.3	2.2	0.4	0.2	1.2	5.9	2.3	7.4	1.5
Class: Rural or Urban	R	R	R	R	R	R	R	R	U	U	U	R	R	R	R
Location: Existing, new, or toll	N	N	N	E	E	E	E	E	N	N	N	N	N	E	E
No. Lanes to be constructed this estimate	4	4	2	4	2	2	2	4	4	4	4	4	4	4	2
No. through traffic lanes	4	4	2	4	2	2	2	4	4	4	4	4	4	4	2
Finance code	23	23	23	22	22	22	22	22	23	23	23	22	23	22	22
WORK CLASSIFICATION	ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES														
Item No. from Table C															
7. R.R. grade separations	Cost	-	-	-	-	87	-	-	-	-	-	-	-	-	-
No. for which costs estimated		-	-	-	-	1	-	-	-	-	-	-	-	-	-
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	1	-	-	-	-	-
8. Highway grade separations without ramps	Cost	-	129	52	-	62	-	-	-	-	60	103	-	-	-
No. for which costs estimated		-	1	1	-	1	-	-	-	-	1	1	-	-	-
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Interchanges, complete	Cost	-	-	150	205	158	158	-	361	-	-	182	105	-	255
No. for which costs estimated		-	-	1	1	1	1	-	1	-	-	1	1	-	-
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
10. Other bridges: tunnels	Cost	-	123	53	-	25	-	-	-	-	-	58	43	-	-
No. for which costs estimated		-	1	1	-	1	-	-	-	-	-	-	2	1	-
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total structures	Cost	-	252	203	205	245	245	-	361	-	-	242	320	43	255
No. for which costs estimated		-	2	3	1	3	2	-	1	-	-	2	4	1	-
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	1	-	-	-	-

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

Sheet 4 of 6

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 15[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

Sheet 5 of 6BY ROUTE SECTIONS WITH ROUTE TOTALSSTATE MONTANANEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	H13-H14	H14-H15	H15-H16	H16-H17	H17-H18	H18-H19	H19-H20	H20-H21.1	H21.1-H21.2	H21.2-H22	H22-H23.1	H23.1-H23.2	H23.2-H24	H24-H25	H25-T1
Section length, miles (0.1 mile)	4.3	1.5	0.7	1.2	1.7	1.4	6.9	10.1	7.0	8.8	2.7	2.3	1.0	2.8	13.1
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	N	N	N	N	N	N	E	E	E	E	E	E	E	N
No. Lanes to be constructed this estimate	2	4	4	4	4	4	4	2	2	2	2	2	2	2	2
No. through traffic lanes	2	4	4	4	4	4	4	2	2	2	2	2	2	2	2
Finance code	22	23	23	23	23	23	23	22	22	22	22	22	22	22	23
WORK CLASSIFICATION					ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES										
Item No. from Table C															
7. R.R. grade separations	Cost	-	-	-	-	274	-	-	-	-	-	-	-	-	129
No. for which costs estimated		-	-	-	-	1	-	-	-	-	-	-	-	-	1
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. Highway grade separations without ramps	Cost	-	-	90	108	108	-	-	135	-	-	-	-	-	43
No. for which costs estimated		-	-	1	1	1	-	-	2	-	-	-	-	-	1
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	1	1	-	-	-	-	-	-	-
9. Interchanges, complete	Cost	166	110	257	205	138	-	-	170	163	363	-	-	-	503
No. for which costs estimated		1	1	1	1	-	-	-	1	1	2	-	-	-	3
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	2	-	-	-	-	-	-	-
10. Other bridges: tunnels	Cost	-	-	-	546	-	-	-	-	-	-	126	-	-	-
No. for which costs estimated		-	-	-	1	-	-	-	-	-	-	1	-	-	-
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total structures	Cost	166	110	347	859	520	-	-	305	163	363	126	-	-	675
No. for which costs estimated		1	1	2	3	2	-	-	3	1	2	1	-	-	5
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	1	3	-	-	-	-	-	-	-

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	Subtotal		Total
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	Rural	Urban	For Route
Section	I1-I2	I2-I3	I3-I4	I4-I5	I5-I6.1	I6.1-I6.2	I6.2-I7	I7-I8.1	I8.1-I8.2	I8.2-I9	I9-I10	I10-I11			
Section length, miles (0.1 mile)	14.6	1.3	3.4	3.4	3.3	2.3	11.1	10.1	4.2	0.8	3.5	0.5	379.9	7.1	387.0
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R			
Location: Existing, new, or toll	N	N	N	E	N	E	E	E	E	E	E	E			
No. Lanes to be constructed this estimate	2	2	4	2	4	2	2	2	2	2	4	4			
No. through traffic lanes	2	2	4	2	4	2	2	2	2	2	4	4			
Finance code	23	23	23	22	23	22	22	22	22	22	22	22			
WORK CLASSIFICATION				ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES											
Item No. from Table C															
7. R.R. grade separations				Cost	123	-	-	-	-	-	-	-	1688	724	2412
No. for which costs estimated					1	-	-	-	-	-	-	-	9	3	12
No. in service - cost = zero					-	-	-	-	-	-	-	-	3	-	3
No. in authorized status - cost = zero					-	-	-	-	-	1	-	-	3	1	4
8. Highway grade separations without ramps				Cost	36	-	-	108	-	-	123	-	1545	318	1863
No. for which costs estimated					1	-	-	1	-	-	2	-	20	4	24
No. in service - cost = zero					-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero					-	-	-	-	-	-	-	-	2	-	2
9. Interchanges, complete				Cost	317	-	125	-	-	316	158	-	9390	1085	10475
No. for which costs estimated					2	-	1	-	-	2	1	-	49	-	54
No. in service - cost = zero					-	-	-	-	-	-	-	-	3	-	3
No. in authorized status - cost = zero					-	-	-	-	1	-	1	-	5	-	5
10. Other bridges: tunnels				Cost	100	-	619	-	-	-	-	-	3752	546	4296
No. for which costs estimated					2	-	1	-	-	-	-	-	26	1	27
No. in service - cost = zero					-	-	-	-	-	-	-	-	1	-	1
No. in authorized status - cost = zero					-	-	-	-	-	-	-	-	-	-	-
Total structures				Cost	576	-	804	108	-	316	281	-	16375	2553	19048
No. for which costs estimated					6	-	2	1	-	2	3	-	104	13	117
No. in service - cost = zero					-	-	-	-	-	-	-	-	7	-	7
No. in authorized status - cost = zero					-	-	-	-	2	-	-	-	10	1	11

Signature _____ Date _____

State: Name and Title _____

BPR Division Engineer

IDAHO

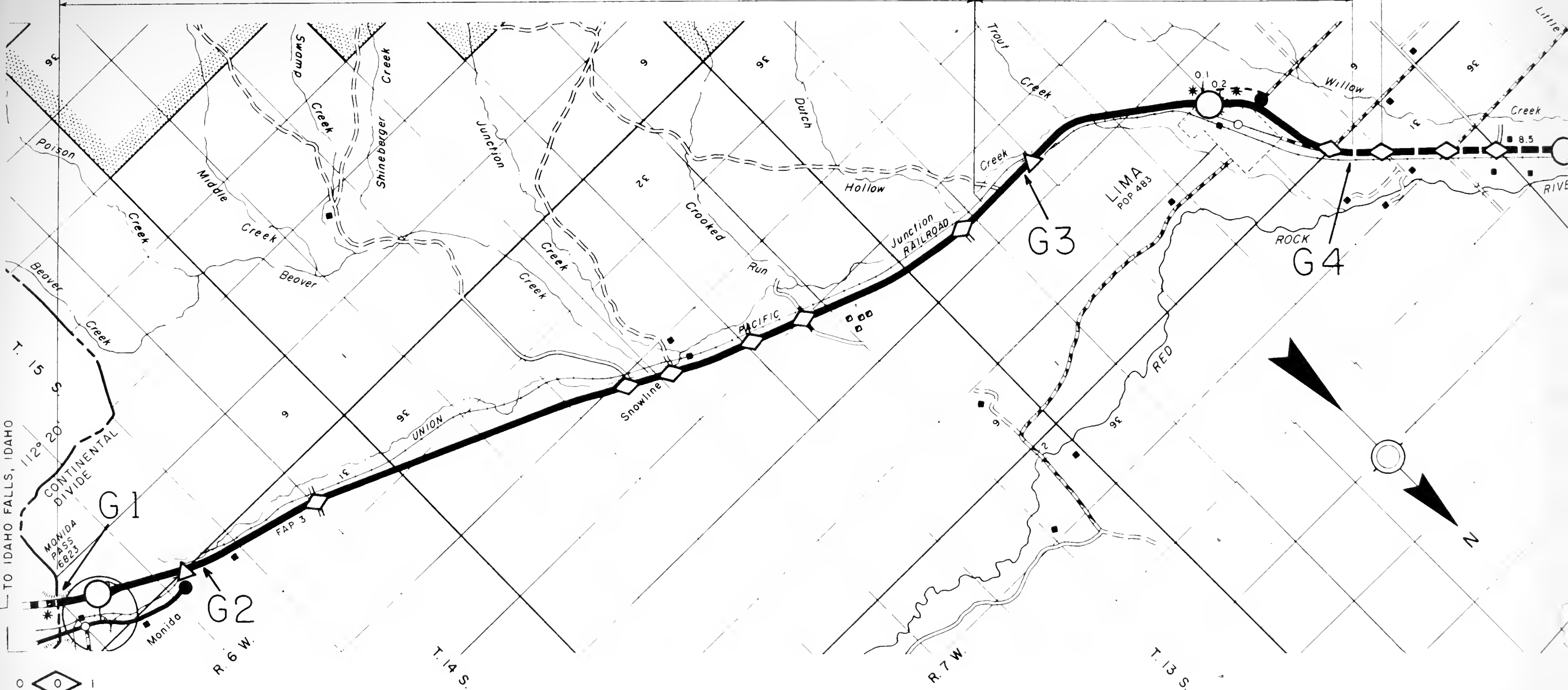
TO IDAHO FALLS, IDAHO

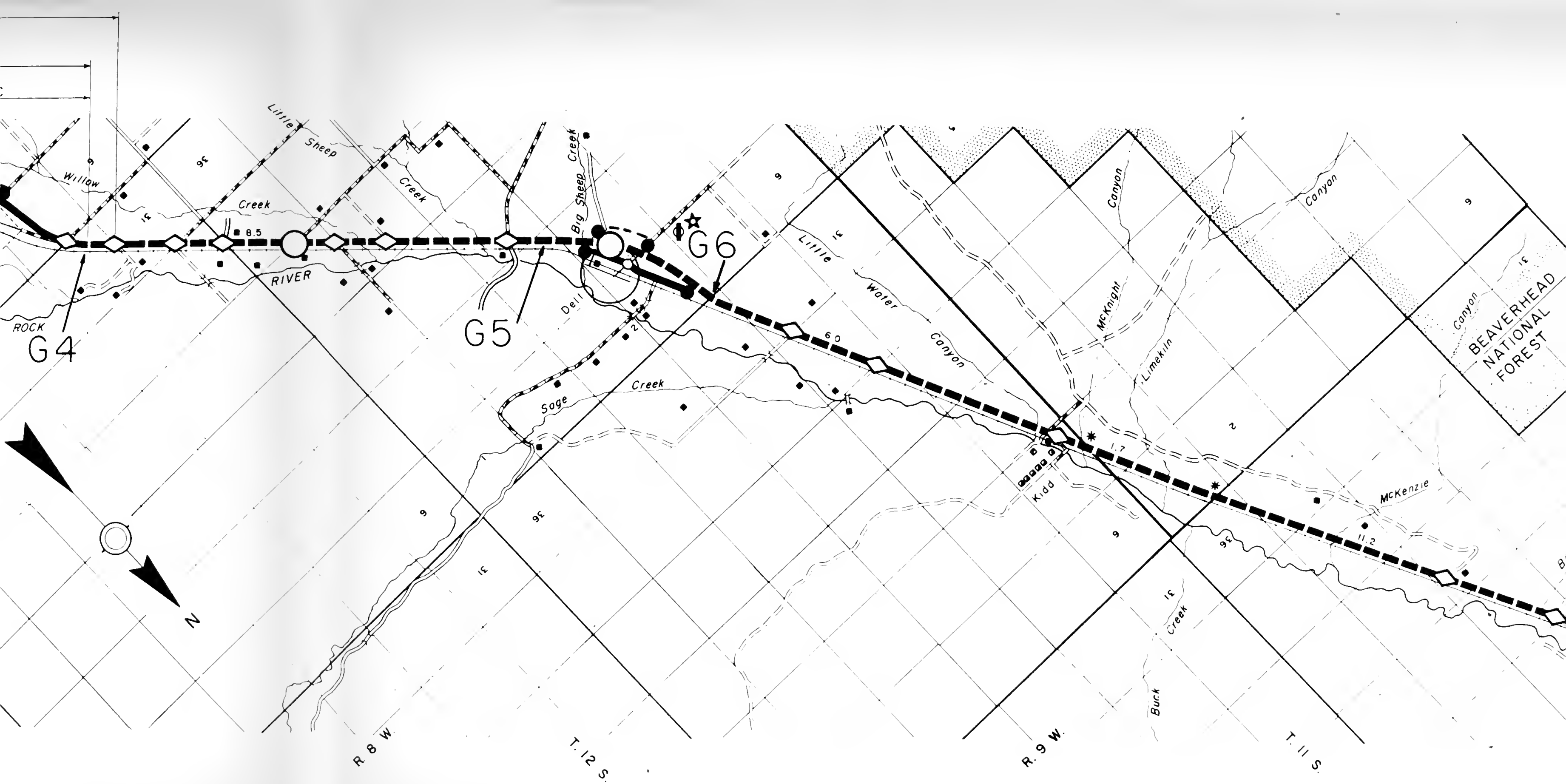
I-1G 15 - 1(2) 0 - E - R

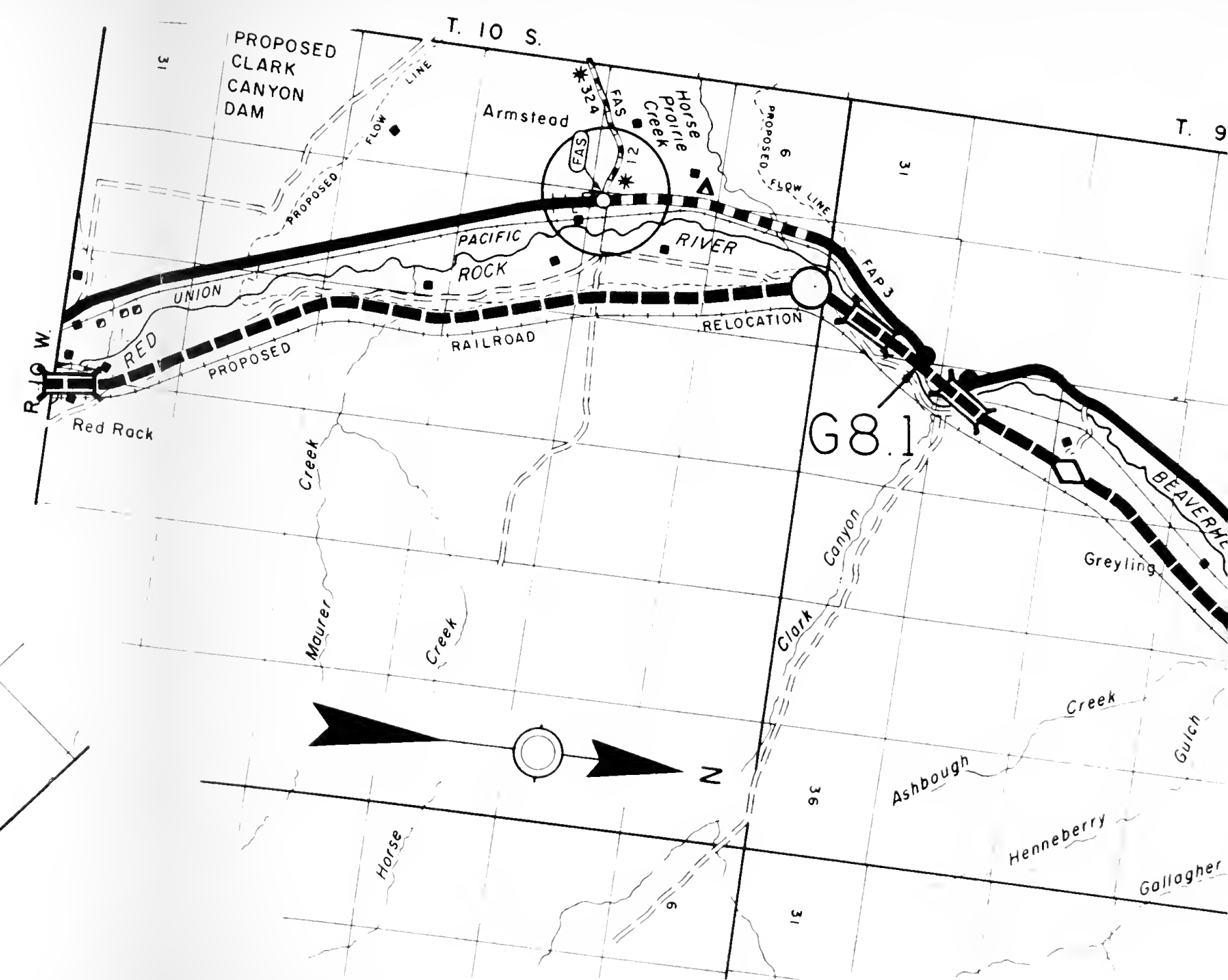
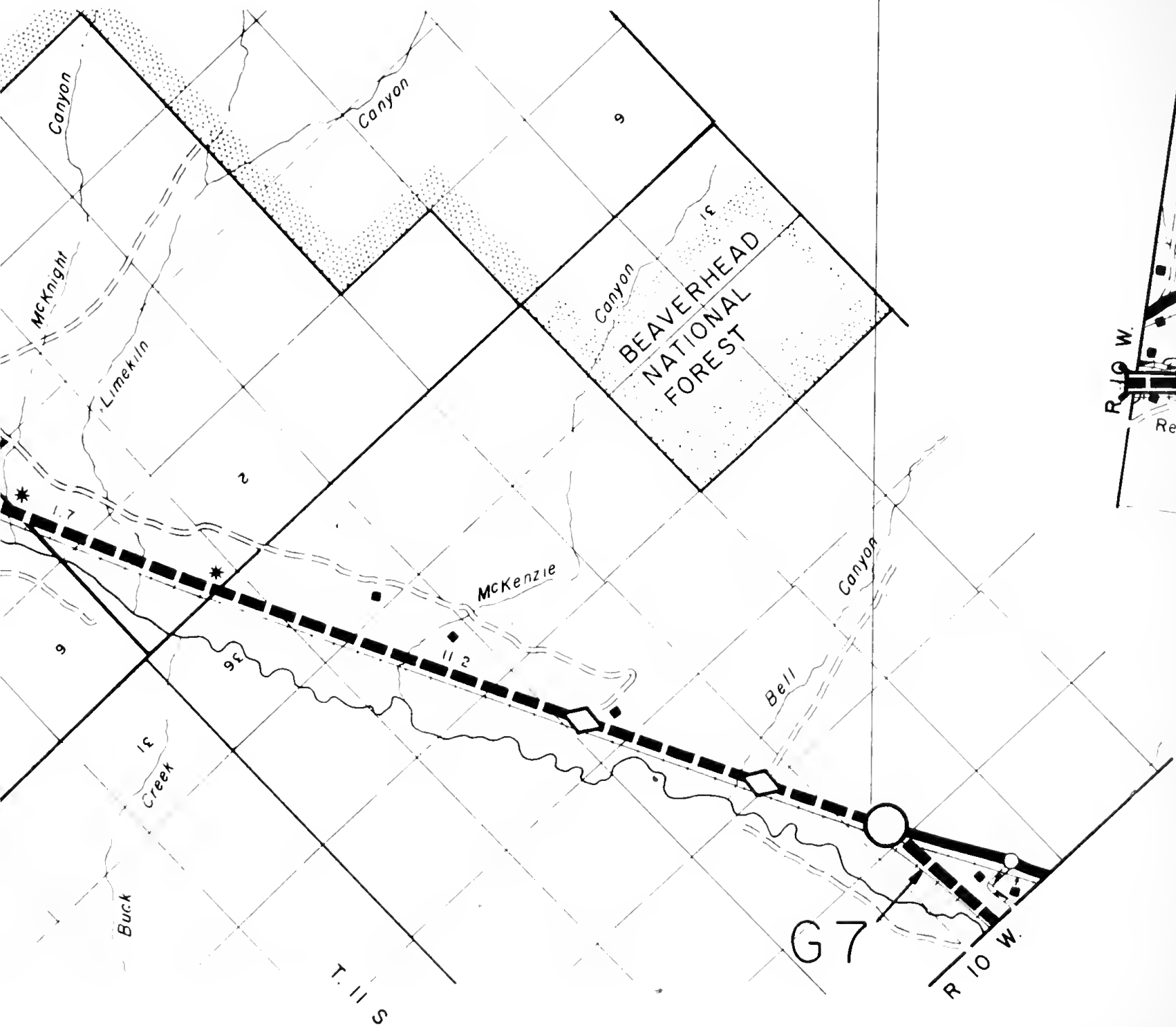
I-15 - 1(7) 0 - C (Signing)

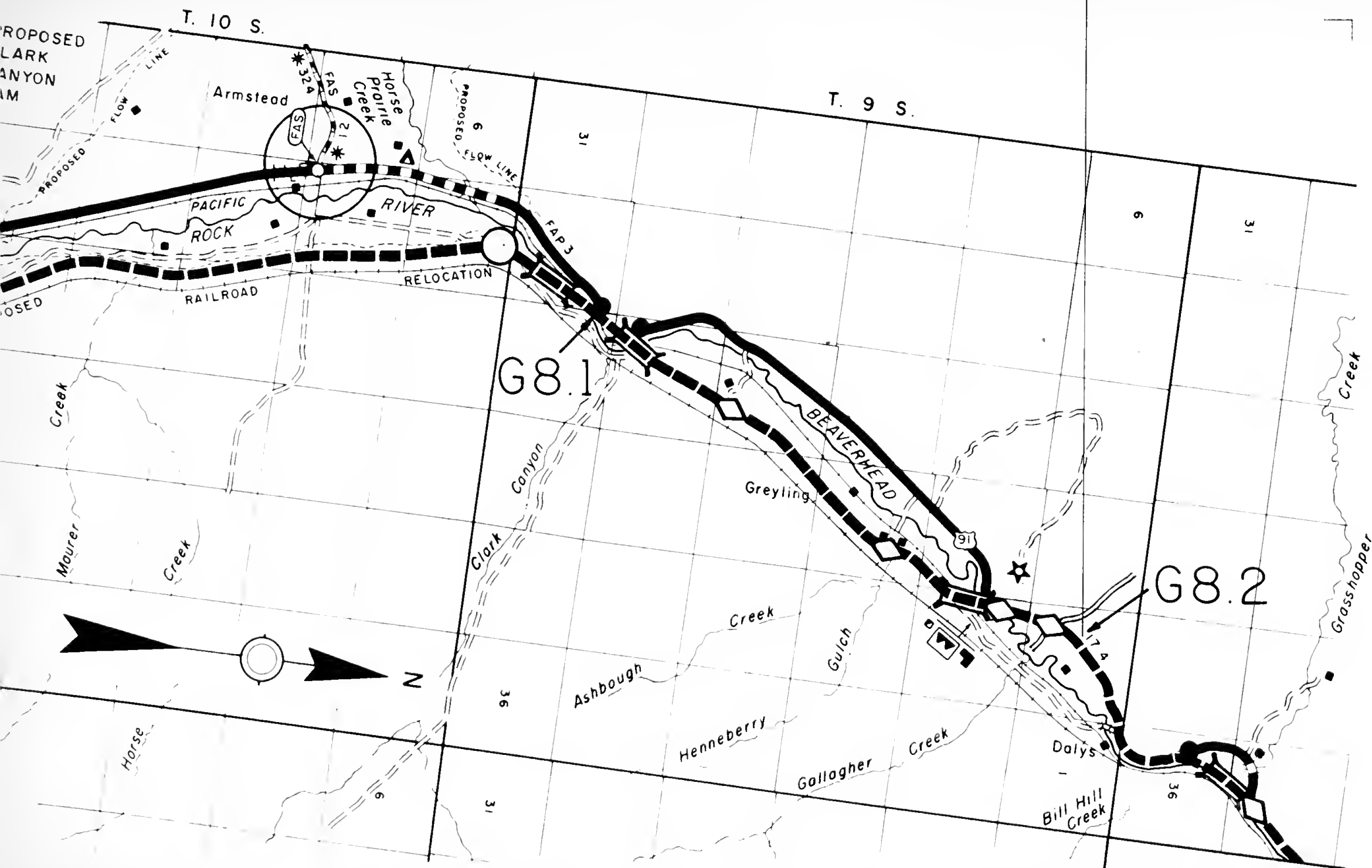
I-ING 15 - 1(1) 0 - C

I-ING 15 - 1(3) 12 - C









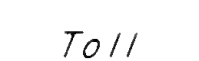










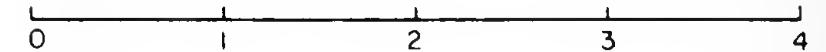




LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4-5
-  INTERSTATE LOCATION STEP 1-2-3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS

SCALE IN MILES

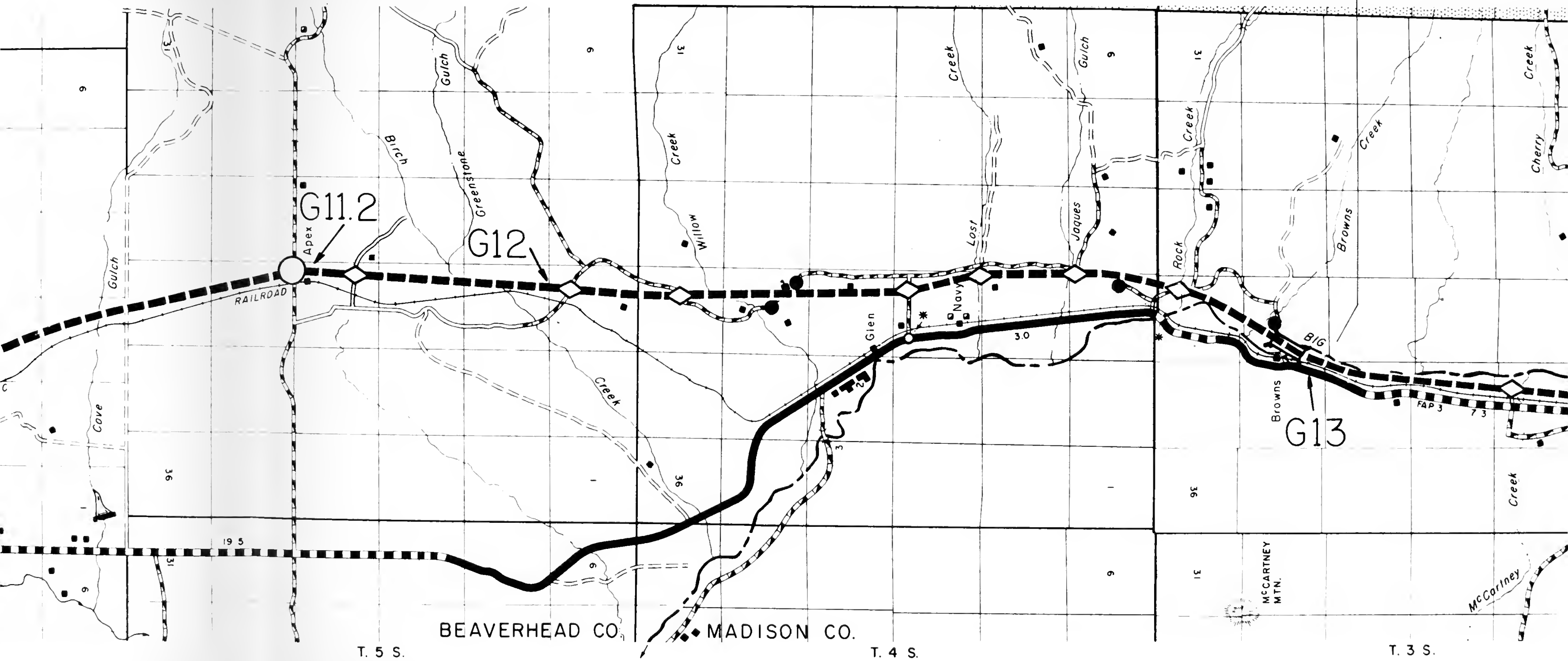


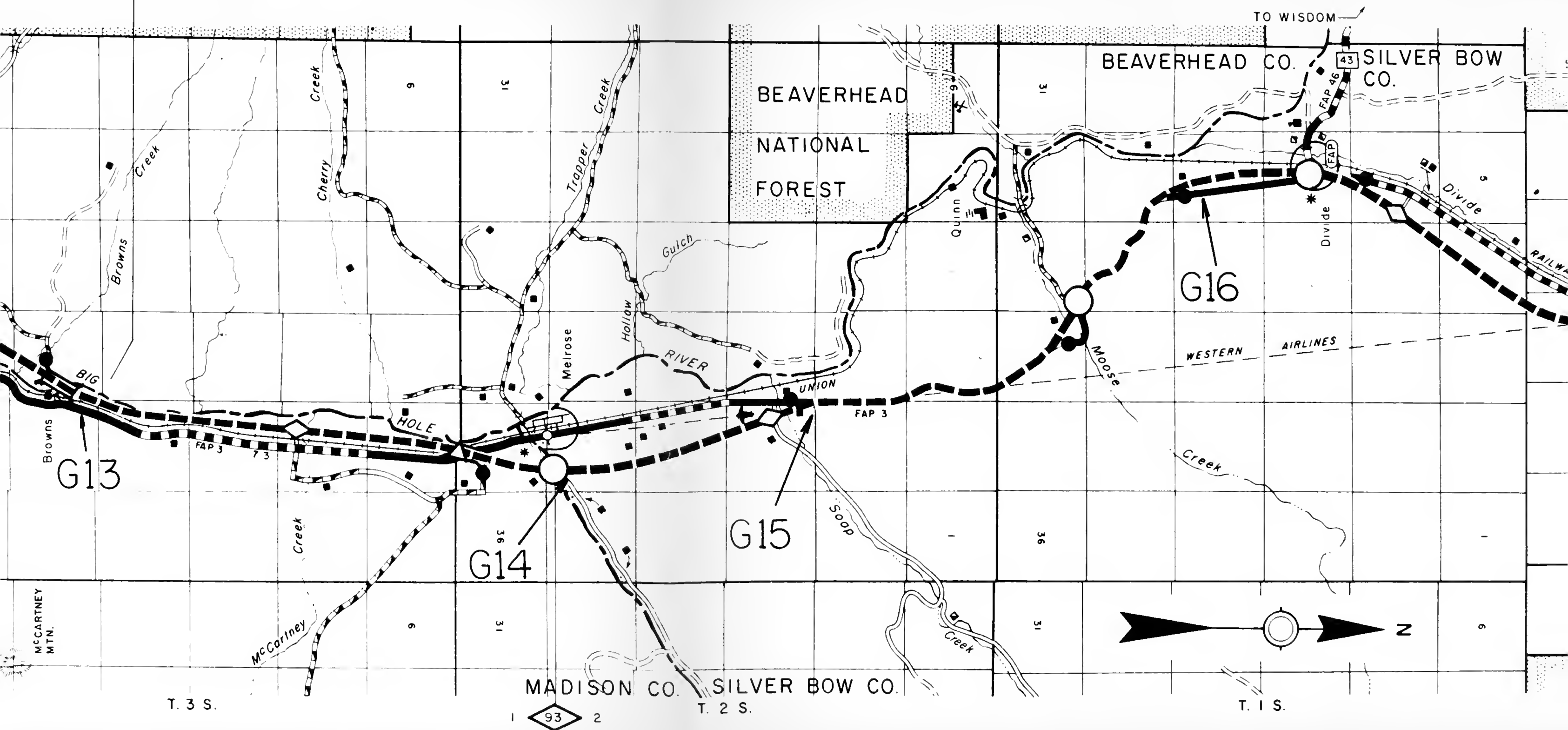
MONTANA

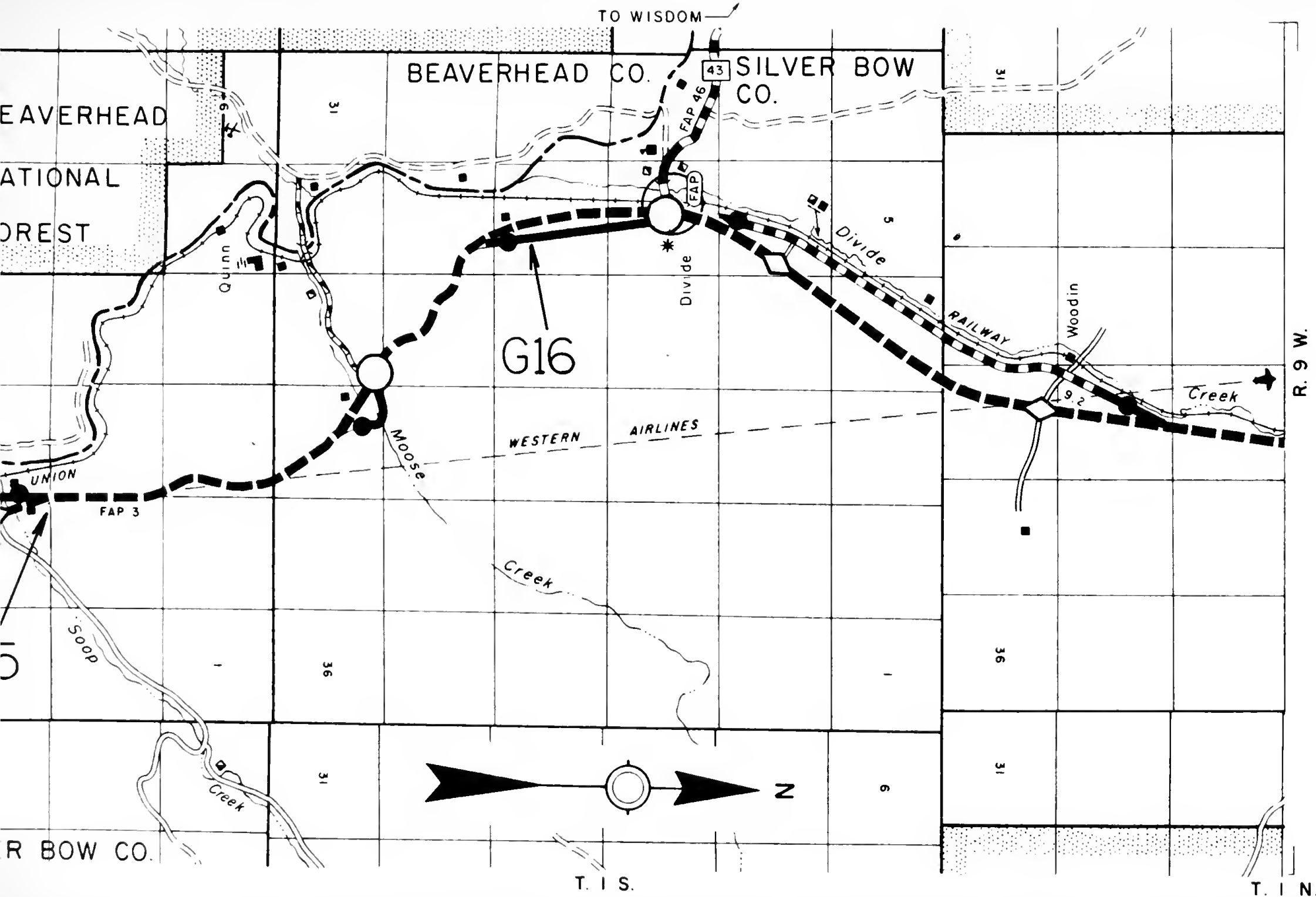
INTERSTATE ROUTE 15 (102)

Sheet 1 of 8

Date January 1, 1960

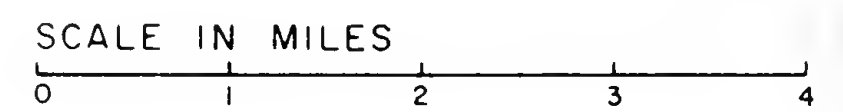






LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

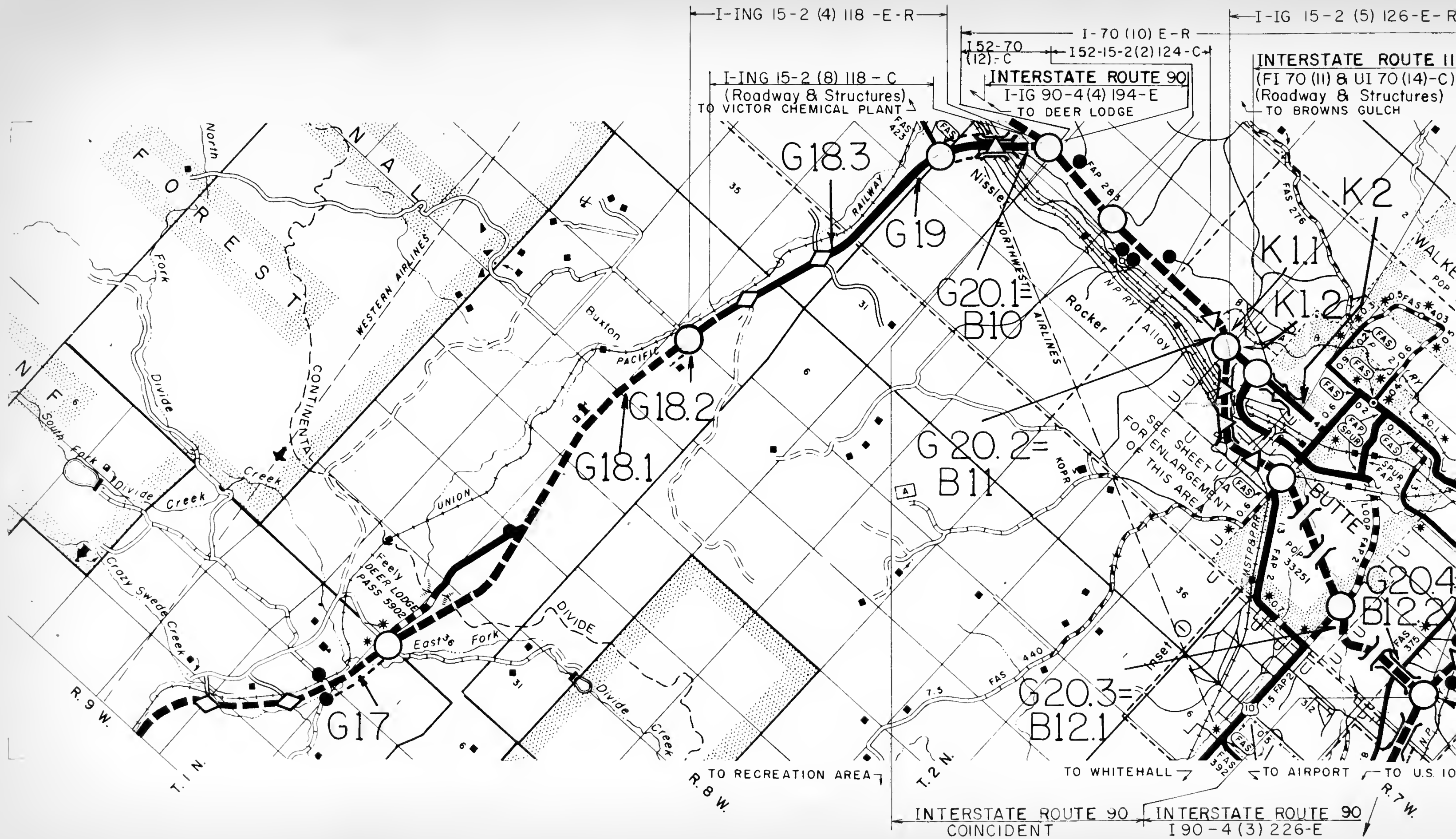


MONTANA

INTERSTATE ROUTE 15 (102)

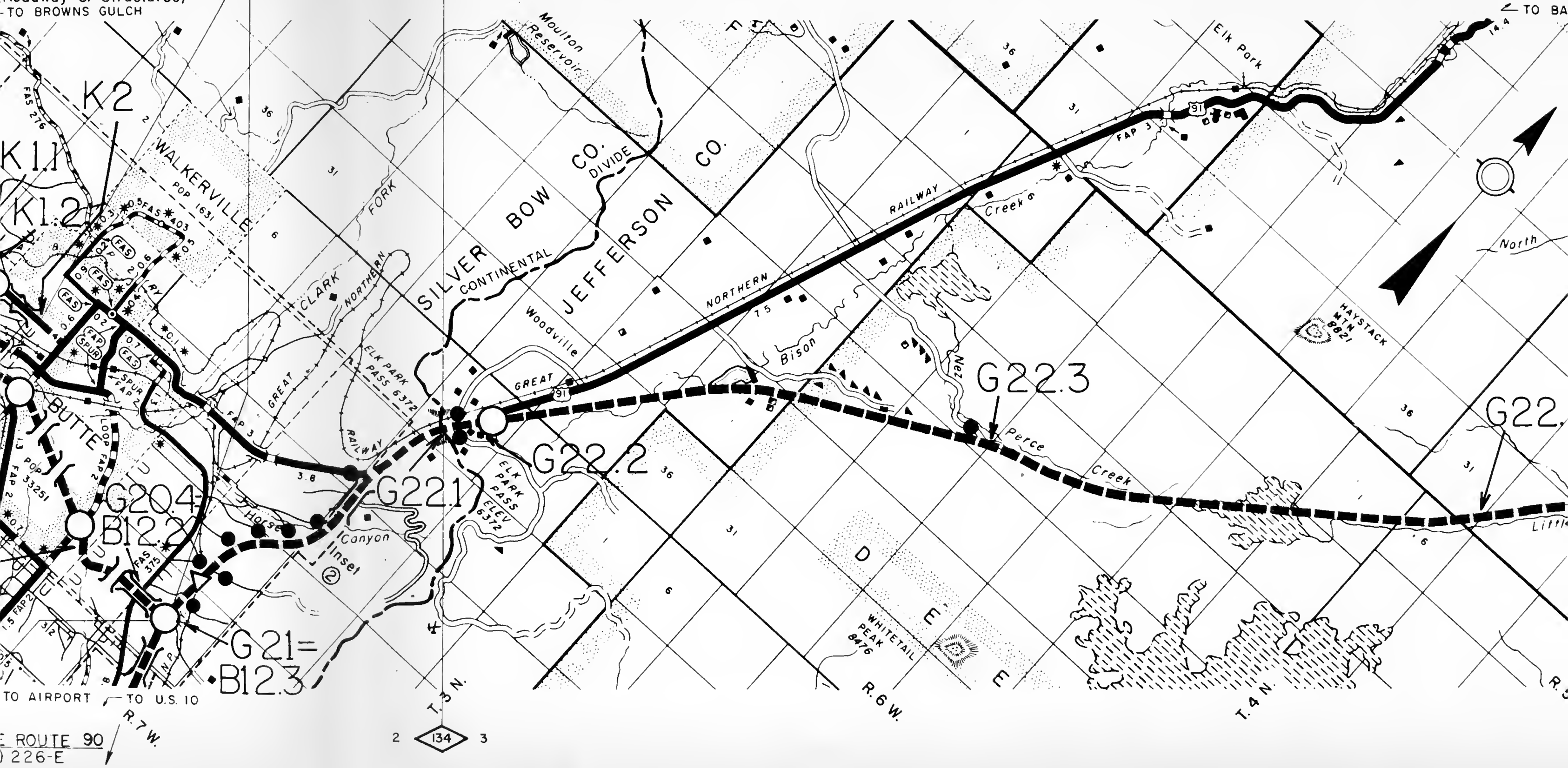
Sheet 2 of 8

Date January 1, 1960



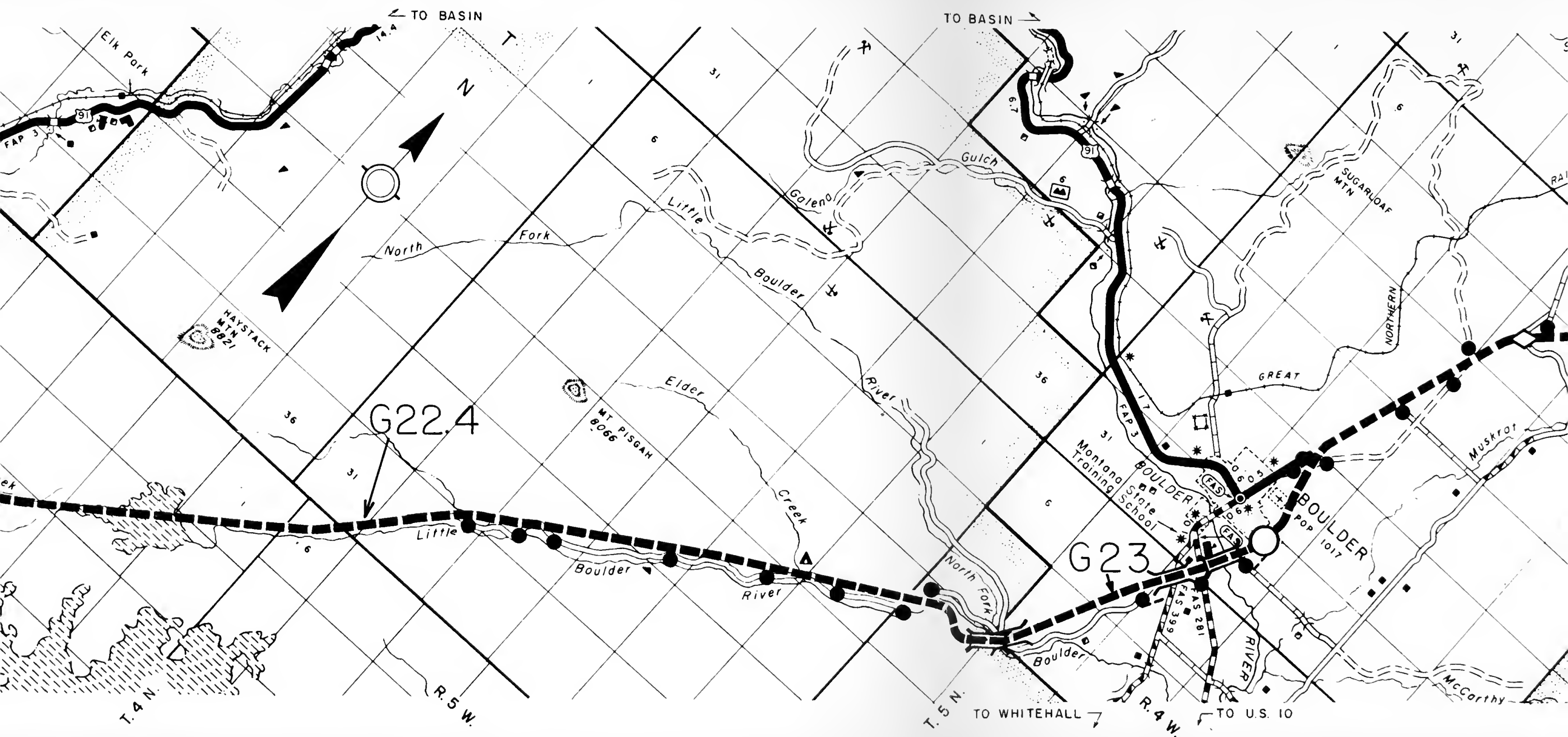
I-IG 15-2 (5) 126-E-R I-IG 15-2 (6) 131-E

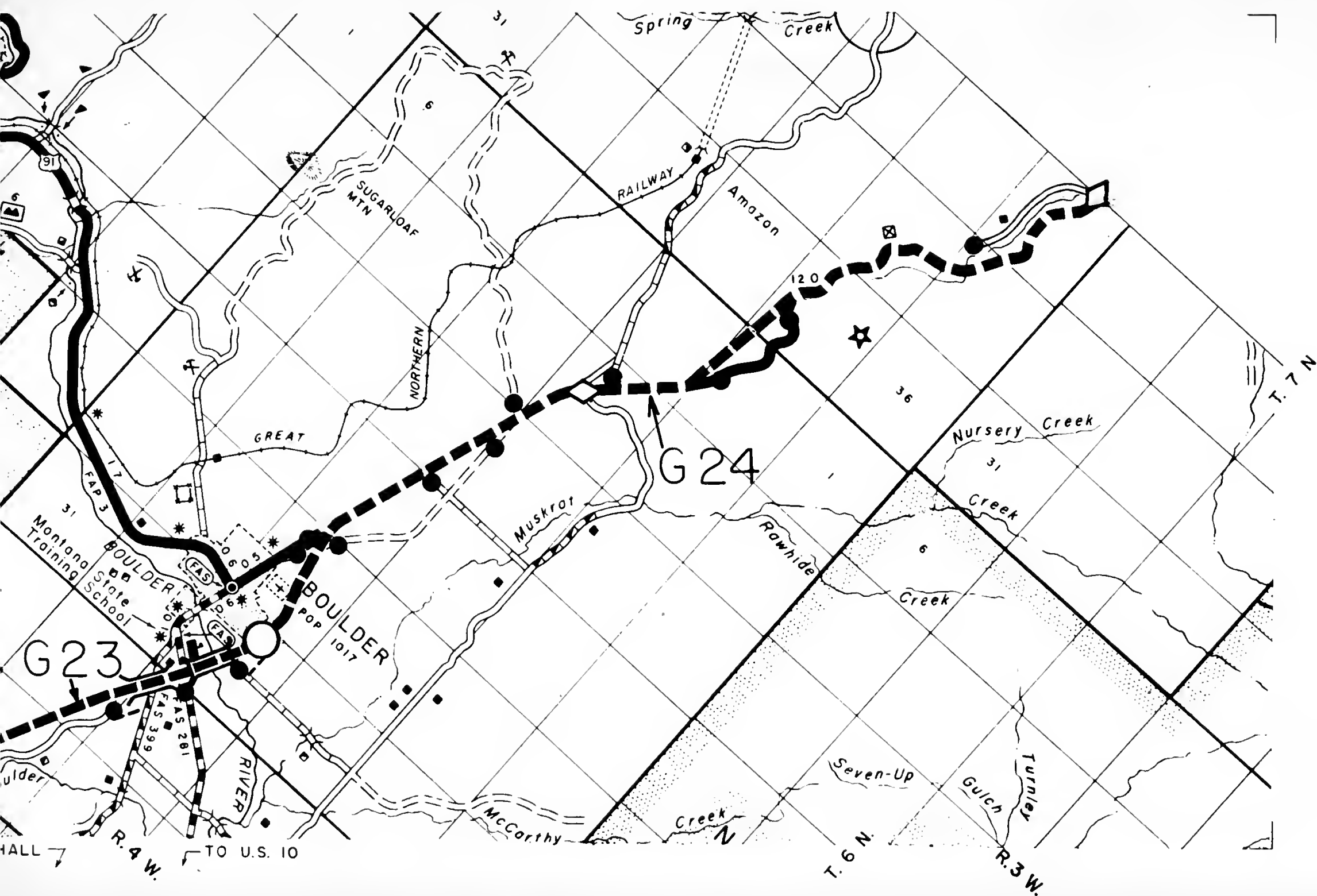
INTERSTATE ROUTE 115
(FI 70 (II) & UI 70 (I4)-C)
Roadway & Structures)
TO BROWNS GULCH



TO AIRPORT TO U.S. 10
ROUTE 90
126-E

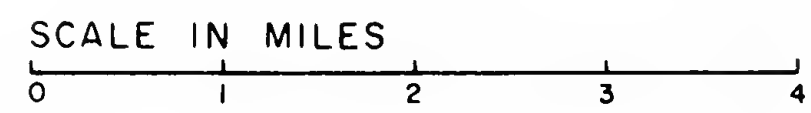
2 134 3





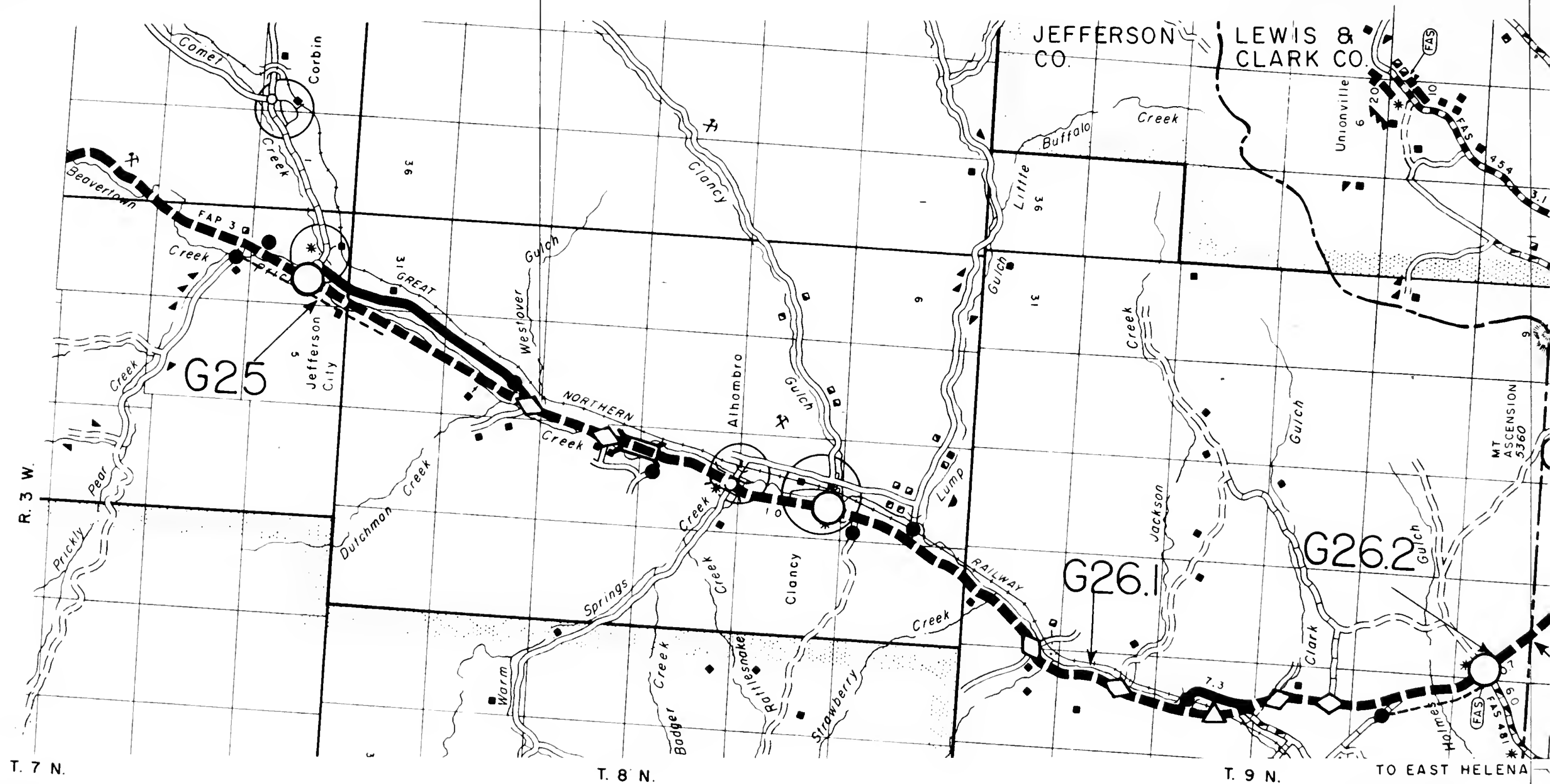
LEGEND FOR INTERSTATE ROUTES

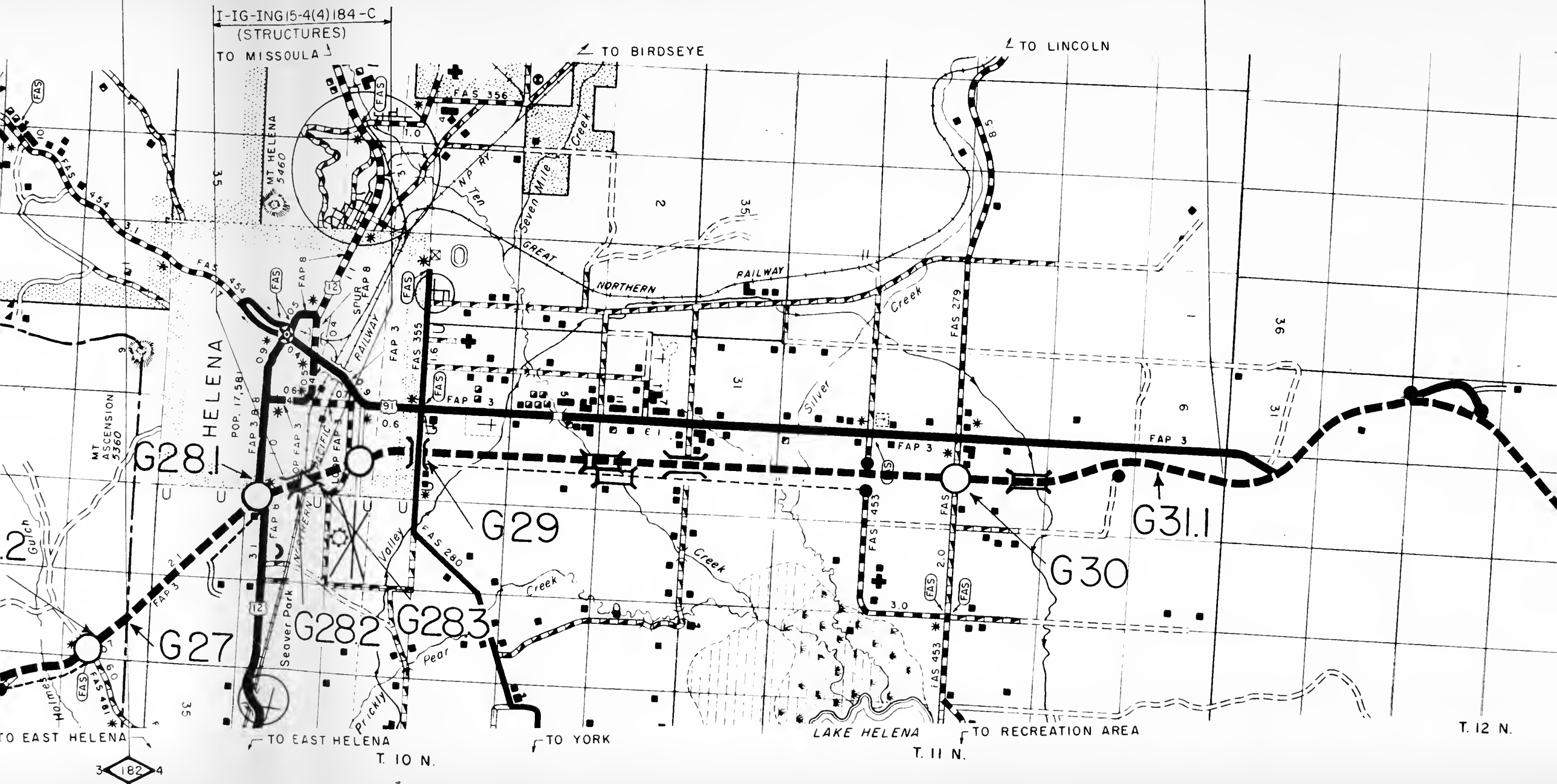
- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

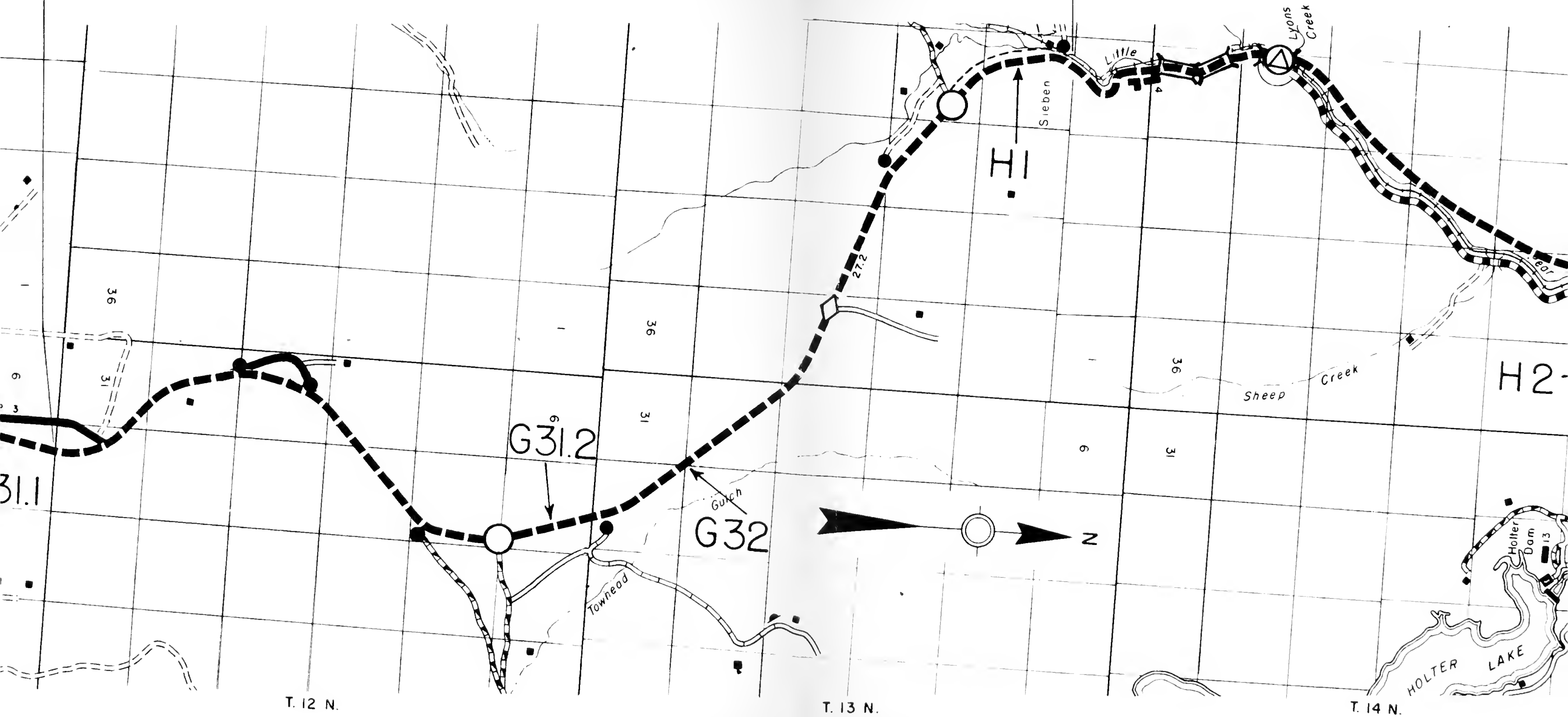


MONTANA

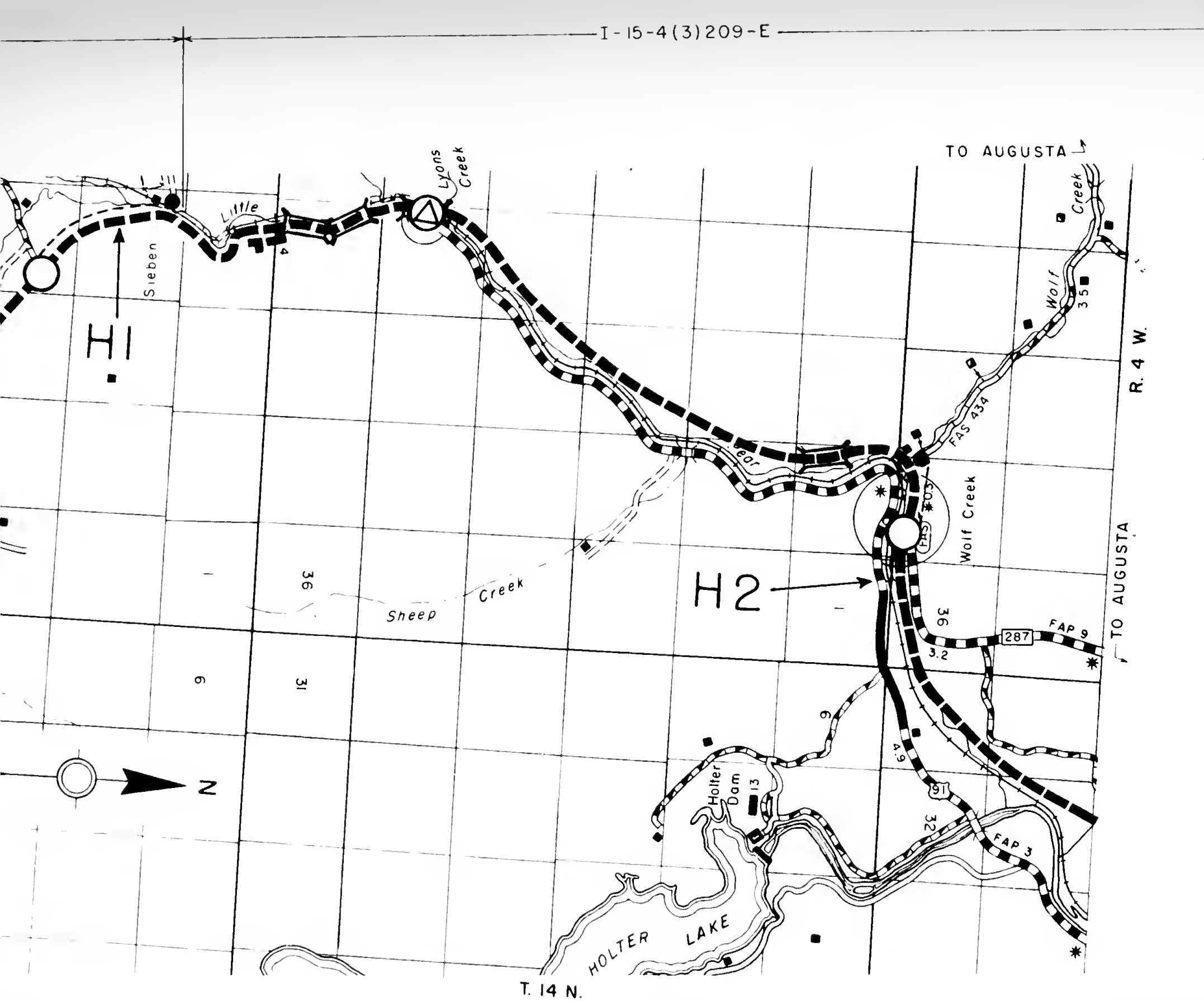
INTERSTATE ROUTE 15 (I02)
Sheet 3 of 8
Date January 1, 1960
INTERSTATE ROUTE 115 (I04)
(COMPLETE ROUTE ON THIS SHEET.)







H2-



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES

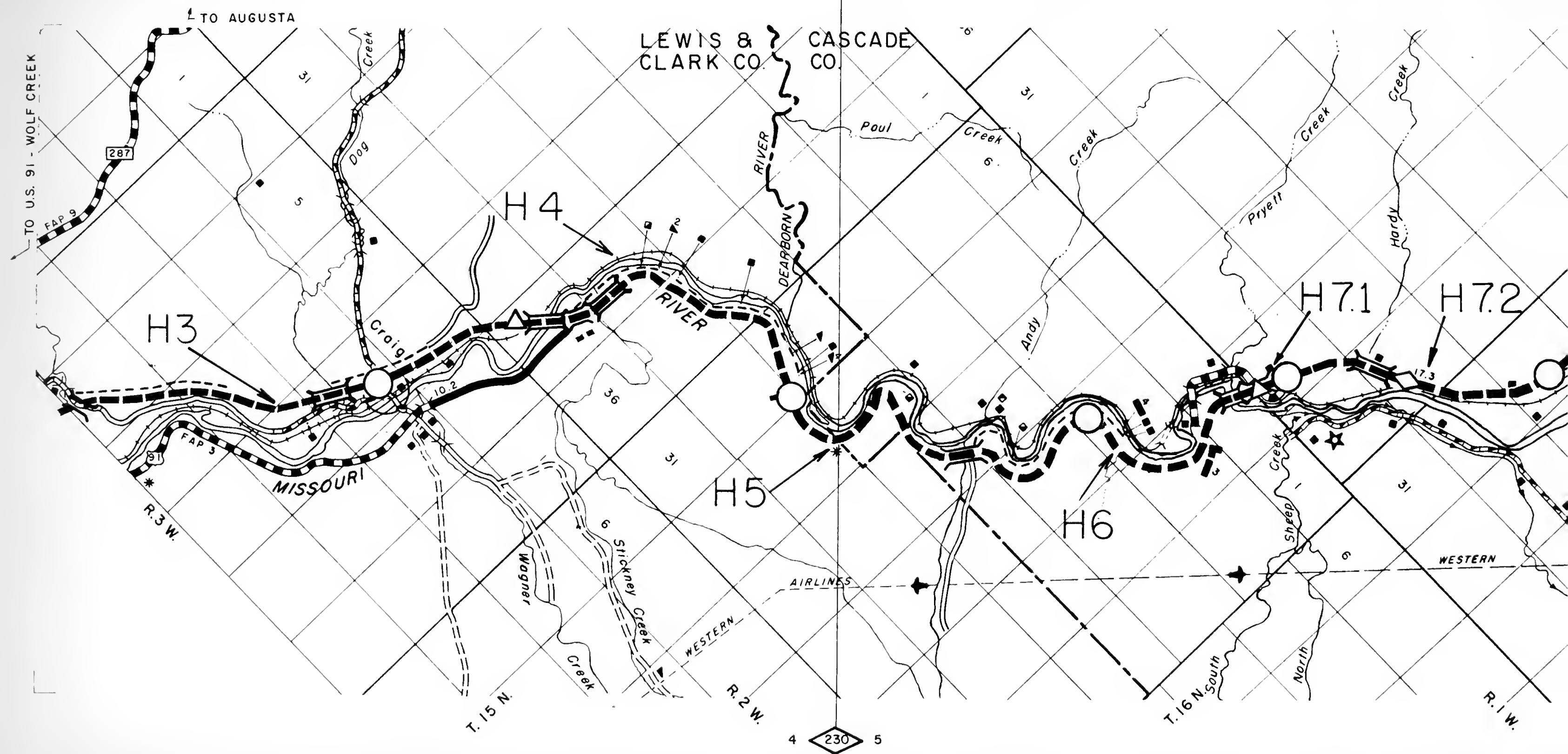
0 1 2 3 4

MONTANA

INTERSTATE ROUTE 15 (102)

Sheet 4 of 8

Date January 1, 1960

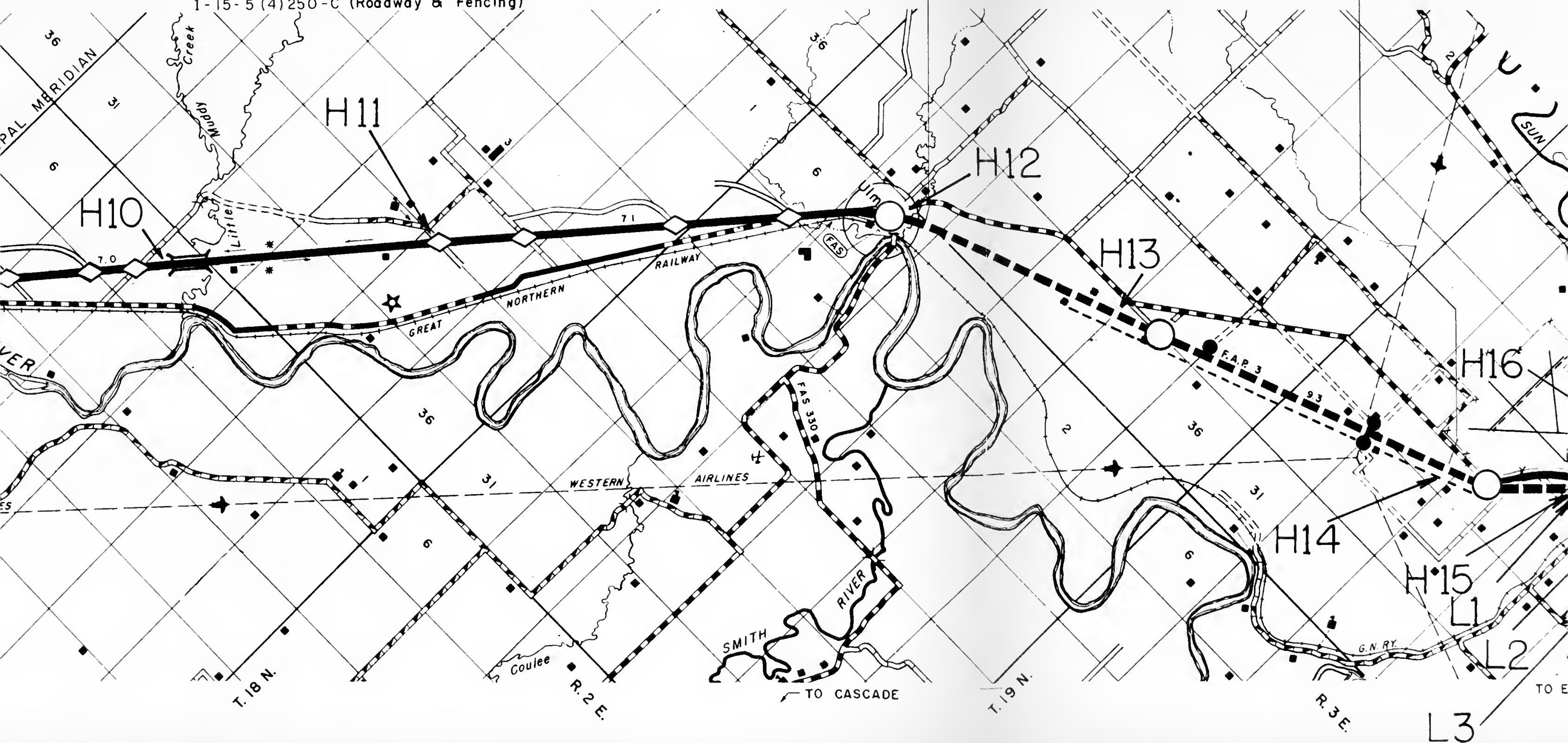


This map depicts the Cascade, Missouri area, centered around the Missouri River. The river flows from the upper left towards the lower right. Several points of interest are marked with circles and labeled: H7.1, H7.2, H8, H9.1, H92, H10, and H11. The map shows a network of roads, including FAS 330 and FAS 36. A grid system is overlaid on the map, with townships T. 17 N. and T. 18 N., and ranges R. 1 W. and R. 1 E. A north arrow is located in the upper left corner. The map also shows the Missouri Principal Meridian and the Western Airlines route. The population of Cascade is noted as 447. The map includes various symbols for roads, rivers, and other features.

1-15-5(8)250-C (Signing)

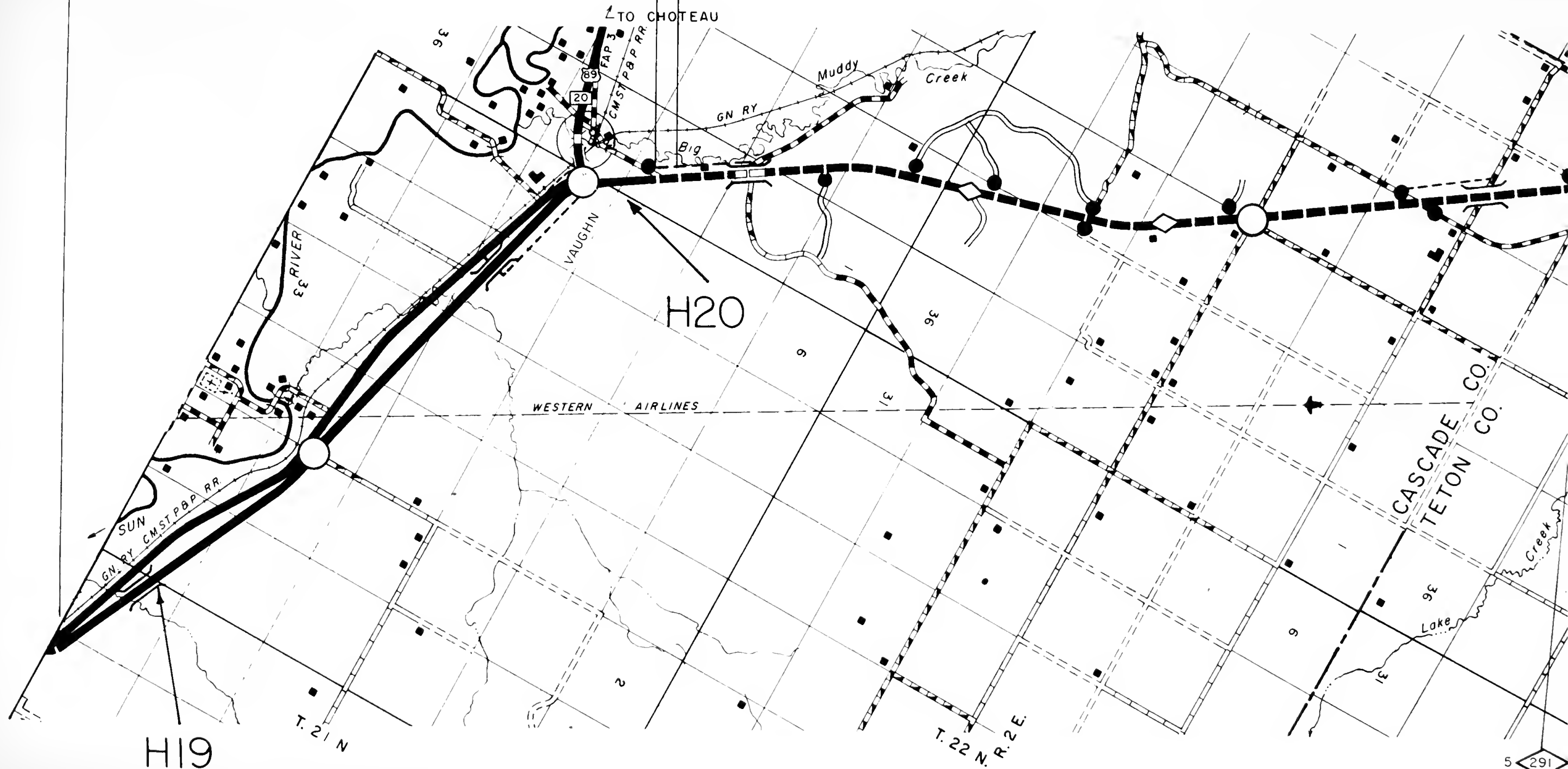
1-15-5(2)254-C (Structures)

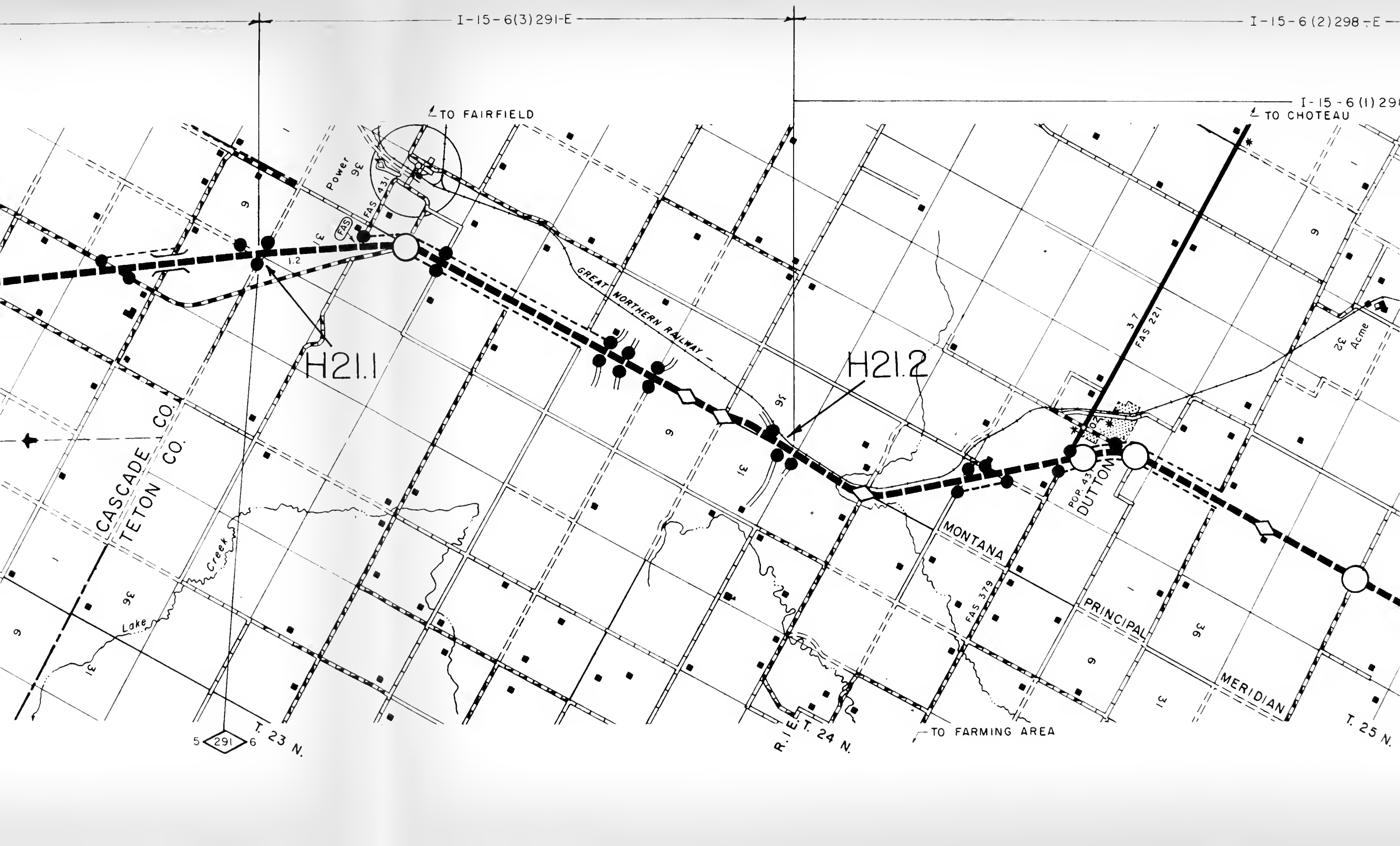
1-15-5(4)250-C (Roadway & Fencing)

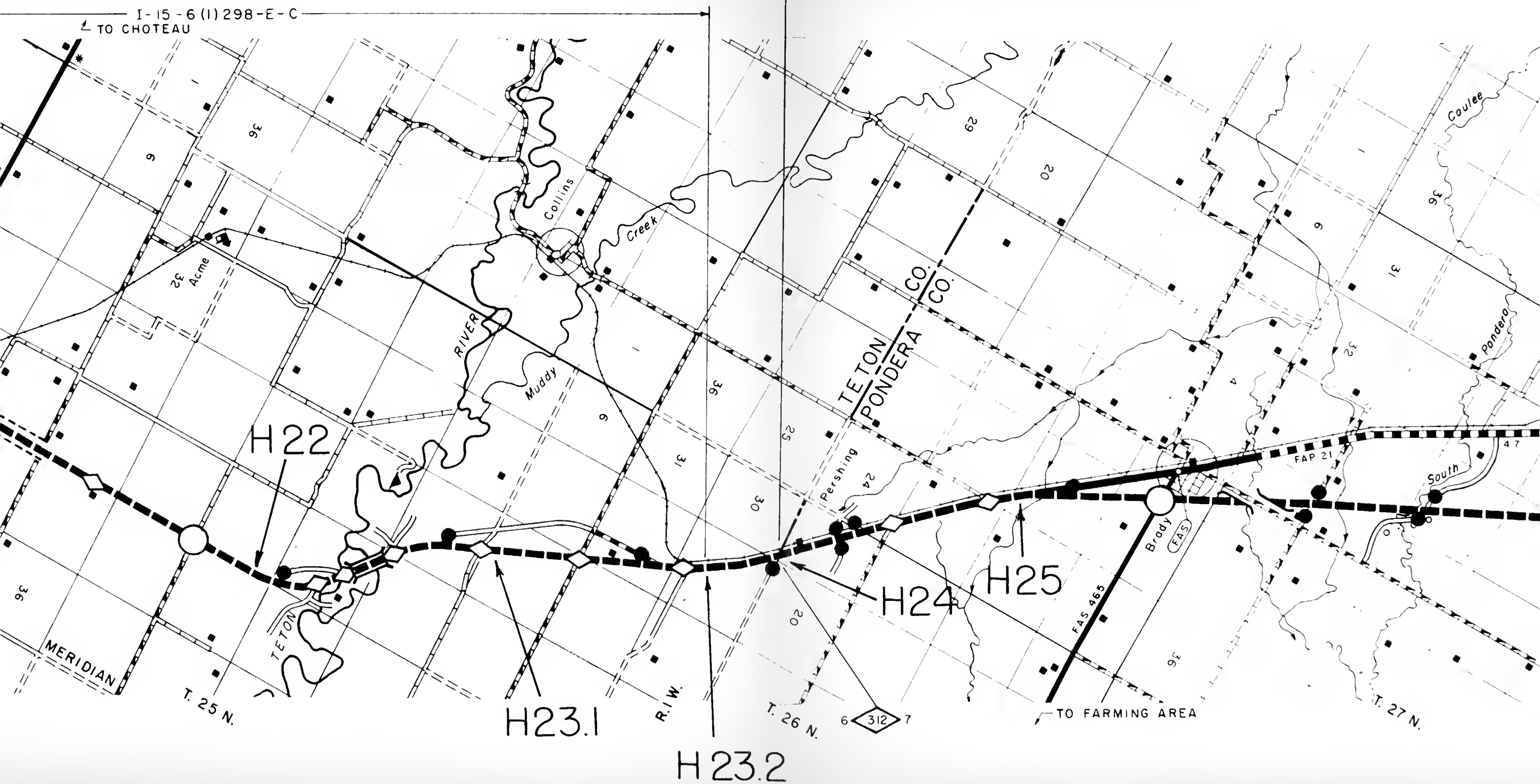


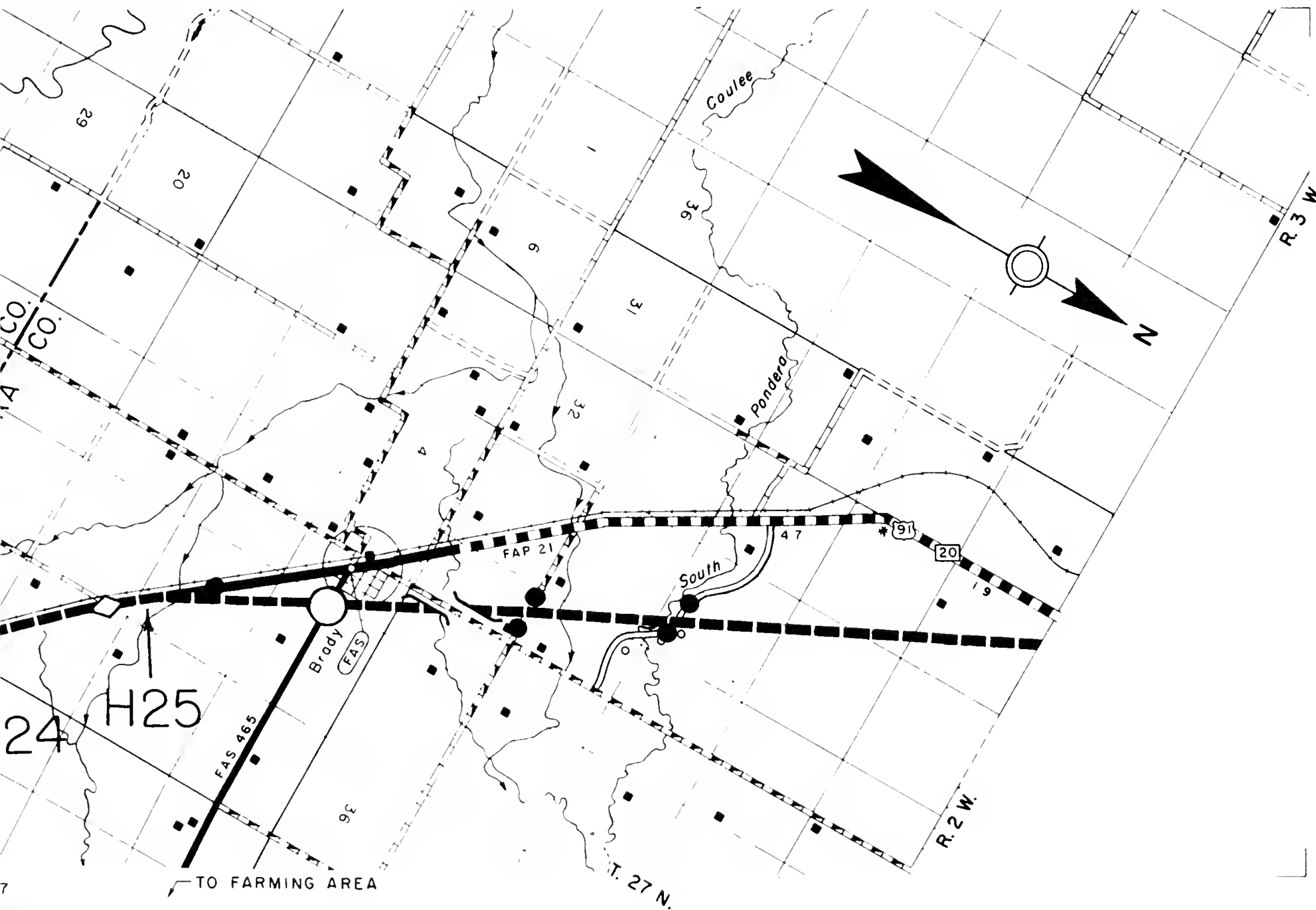
I-15-5(7)275 E-R
I-15-5(9)275-C
ROADWAY & STRUCTURES

I-15-5(11)283-E








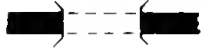
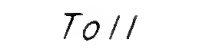

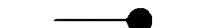


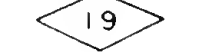





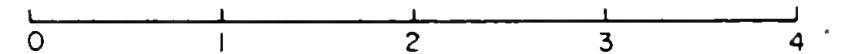




LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4 - 5
-  INTERSTATE LOCATION STEP 1 - 2 - 3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS

SCALE IN MILES

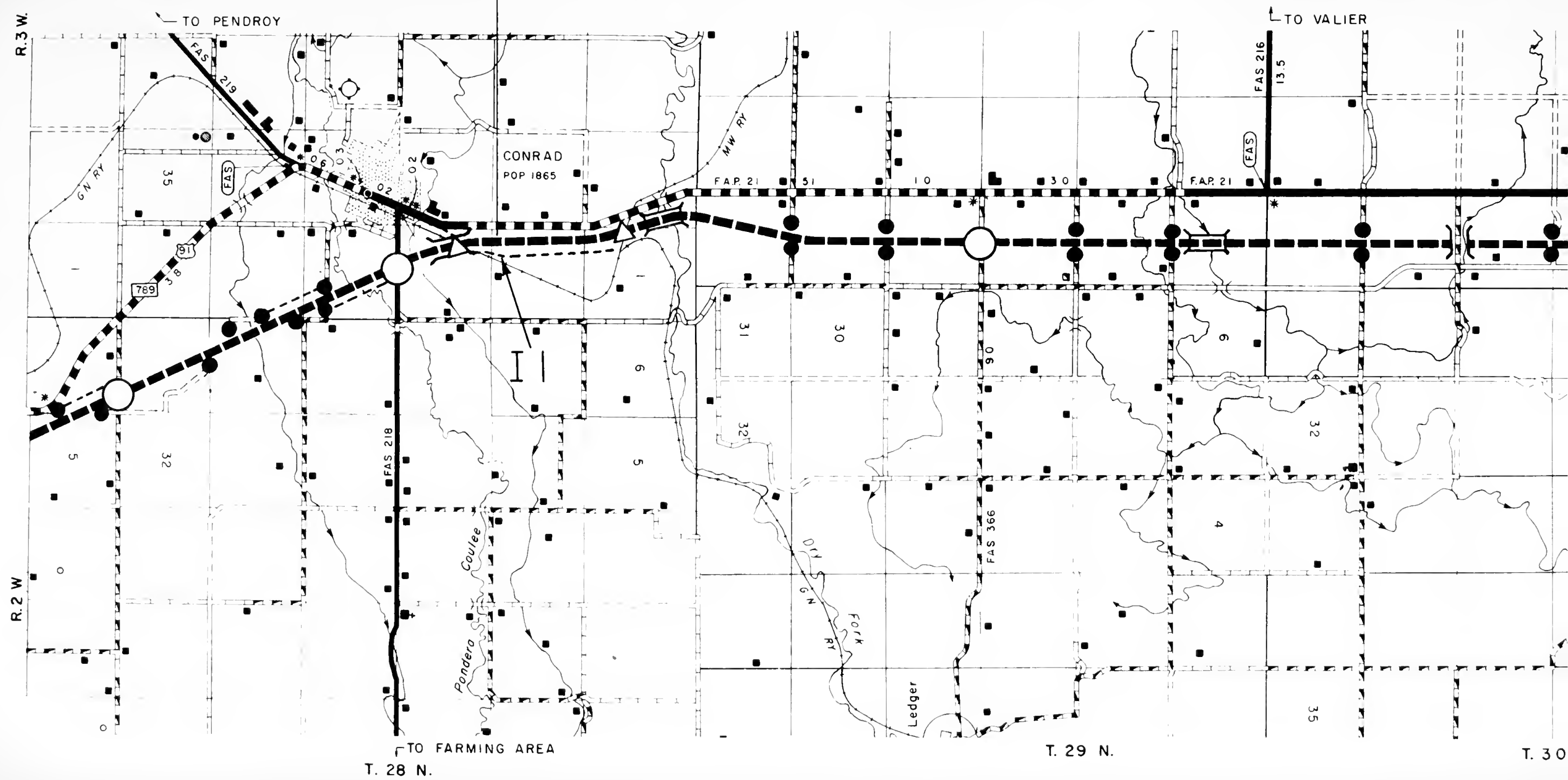


MONTANA

INTERSTATE ROUTE 15 (I02)

Sheet 6 of 8

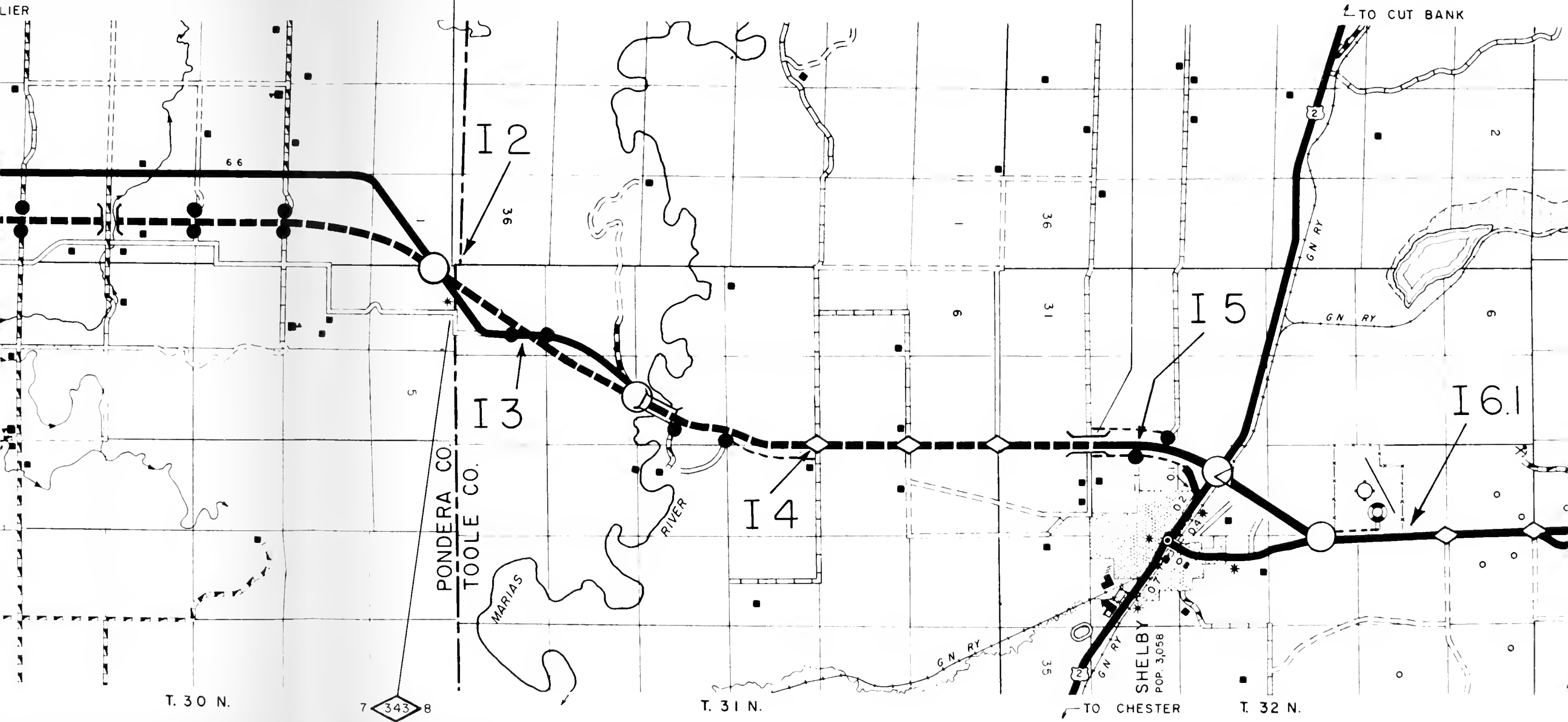
Date January 1, 1960



1-15-8(5) 343-E

I-ING-15-8(1) 351-E-R

I-ING-15-8(3) 351C
ROADWAY & STRUCTURES



I-15-8 (4)351 E-

KEVIN
POP 351

↳ TO CUT BANK

TO CUT BANK

I 5

I 6.1

I 6.2

I7

ER

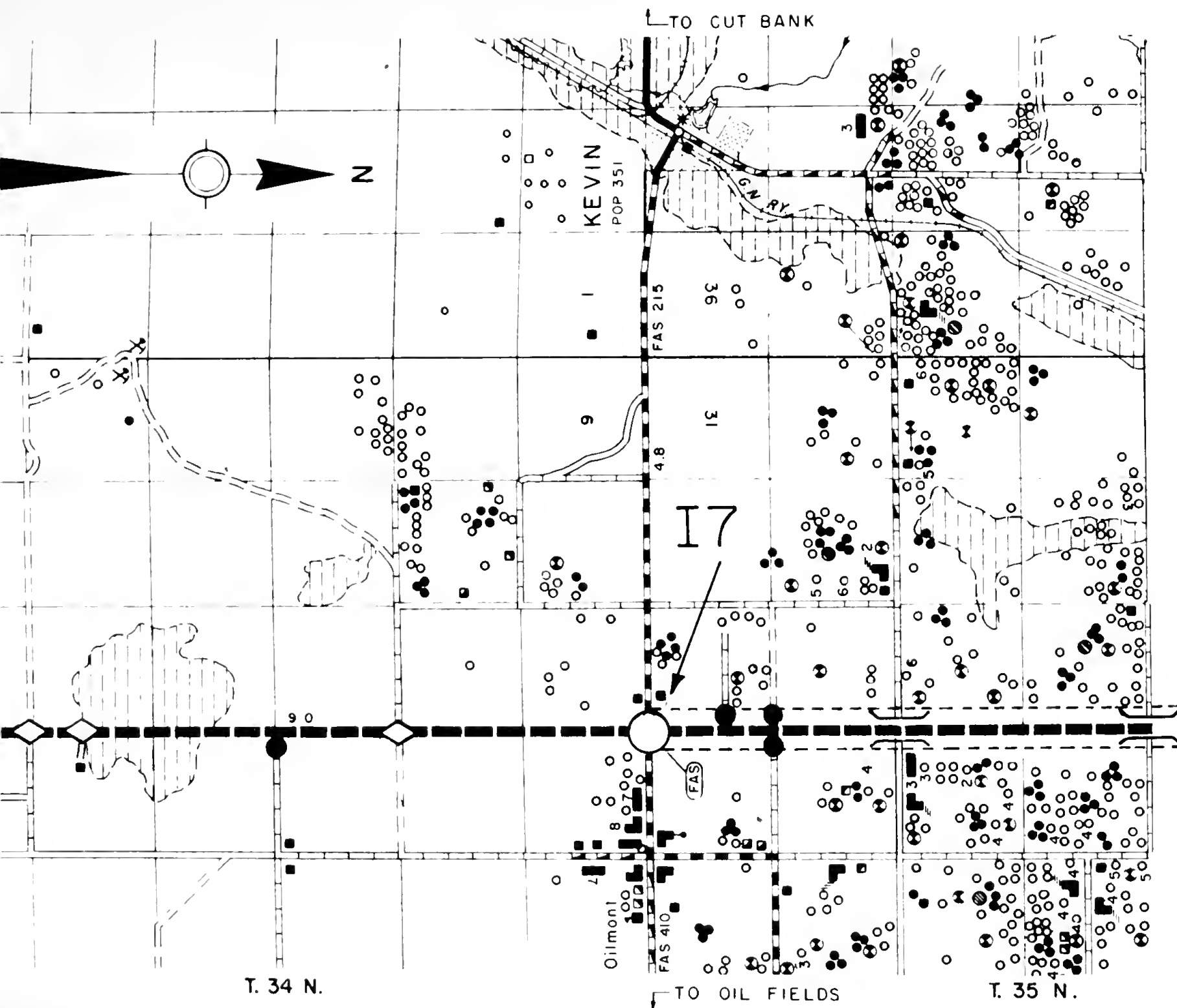
T. 32 N.

T. 33 N.

T. 34 N.

Oilmont 1000

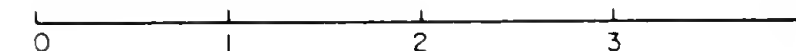
—TO OIL FIELD



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES



MONTANA

INTERSTATE ROUTE 15 (102)

Sheet 7 of 8

Date January 1, 1960

R. 2 W.

ST

(FAS)

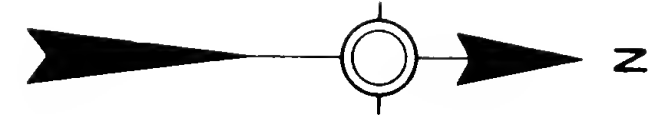
(FAP)

TO CALGARY







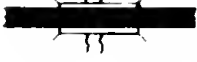

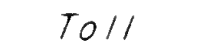

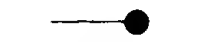



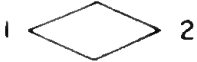
111° 50'

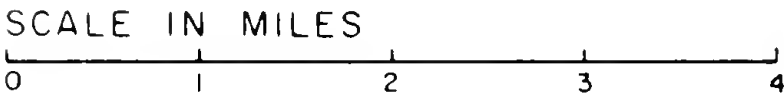
A L B E R T A

DOMINION OF CANADA



LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4 - 5
-  INTERSTATE LOCATION STEP 1 - 2 - 3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS



MONTANA

INTERSTATE ROUTE 15 (102)

Sheet 8 of 8

Date January 1, 1960

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 1 OF 10

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90

[illegible]

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 2 OF 10

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90

[illegible]

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 5 OF 10

STATE MONTANANEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	B4-B5.1	B5.1-B5.2	B5.2-B6	B6-B7	B7-B8	B8-B9	B9-B10	B10-B12.3	B12.3-B13	B13-B14.1	B14.1-B14.2	B14.2-B15	B15 - B16	B16-B17.1	B17.1-B17.2
I T E M								=							
1. Section length, miles	3.1	3.1	3.8	3.6	3.6	1.6	7.5	G20.1-G21 SEE	5.8	7.1	5.3	4.0	3.5	2.9	7.8
2. Class - rural or urban	R	R	R	R	R	R	R	FAI 15	R	R	R	R	R	R	R
3. location - existing, new or toll	N	N	N	E	N	N	E		N	N	N	N	N	N	N
4. Traffic: ADT 1958	2073	2073	2005	1620	3180	3180	3473		1275	1275	1300	1300	1476	1476	1470
5. Traffic: ADT 1975	5300	5300	5100	4100	8100	8100	8900		3100	3100	3200	3200	3600	3600	3300
6. Traffic: DHV 1975	690	690	660	530	990	990	1090		410	400	420	420	470	470	430
7. Directional distribution factor (D),1975	55	55	55	55	60	60	60		55	55	55	55	55	55	55
8. Percent Trucks (T),1975	10	10	10	10	7	7	10		12	12	12	12	15	15	15
9. Design speed (V)	70	70	70	70	60	70	60		50	50	50	70	60	60	50
10. Number of through traffic lanes	2	2	2	2	4	4	4		4	4	4	4	2	2	4
11. Mileage without frontage roads	--	3.1	2.8	3.4	3.6	1.6	5.8		4.9	7.1	5.3	3.5	3.3	2.9	6.3
12. Mileage with frontage road one side only	3.1	--	0.6	0.1	--	--	1.3		0.9	--	--	0.5	0.2	0.6	1.5
13. Mileage with frontage road on both sides	--	--	0.4	0.1	--	--	0.4		--	--	--	--	--	--	--
14. Typical cross-section reference	20	20	20	20	40	40	40		45	45	40	40	20	20	40
15. Right-of-way width: minimum	300	300	300	300	300	300	300		300	300	300	300	300	300	300
prevailing	300	300	300	300	300	300	300		300	300	300	300	300	300	300
16. Median width: minimum	-	-	-	-	46	46	46		6	6	36	36	-	-	46
prevailing	-	-	-	-	46	46	46		6	6	36	36	-	-	46

SHEET 6 OF 10

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90

[illegible]

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 7 OF 10

MONTANA

NEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	C9-C10	C10-C11	C11-C12.1	C12.1-C12.2	C12.2-C13	C13-C14	C14-C15.1	C15.1C15.2	C15.2-C15.3	C15.3-D1	D1-D2	D2-D3.1	D3.1-D3.2	D3.2-D4.1	D4.1-D4.2
I T E M															
1. Section length, miles	5.1	3.2	3.0	0.2	0.5	3.4	4.7	7.7	4.1	0.4	13.6	3.5	5.7	2.7	10.4
2. Class - rural or urban	R	R	R	U	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	E	E	N	N	N	N	E	E	E	E	E	N	E	N	E
4. Traffic: ADT 1958	2160	2198	2250	1989	1300	1300	2411	1585	1585	1523	1600	1603	1603	1432	1500
5. Traffic: ADT 1975	6200	6300	6400	5700	3700	3700	6900	4100	4100	3900	4100	4100	4100	3700	4000
6. Traffic: DHV 1975	810	820	830	740	480	480	900	530	530	510	530	530	530	480	490
7. Directional distribution factor (D), 1975	55	55	55	60	55	55	55	55	55	55	55	55	55	55	55
8. Percent trucks (T), 1975	12	12	12	12	14	14	14	12	12	12	12	15	15	15	15
9. Design speed (V)	50	60	60	60	60	60	70	70	60	70	70	70	70	60	70
10. Number of through traffic lanes	4	4	4	4	4	4	4	2	4	2	2	2	2	2	2
11. Mileage without frontage roads	1.8	0.9	1.0	0.2	0.5	3.4	2.2	7.7	4.1	--	8.2	0.6	4.5	1.4	8.3
12. Mileage with frontage road one side only	0.6	1.3	1.0	--	--	--	2.5	--	--	--	4.3	2.9	1.2	1.7	2.1
13. Mileage with frontage road on both sides	2.7	1.0	1.0	--	--	--	--	--	--	0.4	0.6	--	--	--	--
14. Typical cross-section reference	45	40	40	40	40	40	40	20	40	20	20	20	20	20	40
15. Right-of-way width: minimum	300	300	200	240	230	200	200	300	300	260	300	300	300	300	300
prevailing	300	300	270	240	280	270	200	300	300	280	300	300	300	300	300
16. Median width: minimum	6	46	46	46	46	46	46	-	6	-	-	-	-	-	-
prevailing	6	46	46	46	46	46	46	-	6	-	-	-	-	-	-

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 8 OF 10

STATE MONTANA NEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D4.2-D5.1	D5.1-D5.2	D5.2-D5.3	D5.3-D6	D6-D7.1	D7.1-D7.2	D7.2-D8	D8-D9	D9-D10.1	D10.1-D10.2	D10.2-D11	D11-D12	D12-D13.1	D13.1-D13.2	D13.2-D14
I T E M															
1. Section length, miles	1.0	0.3	1.8	2.7	2.4	2.0	6.2	7.8	9.5	3.6	3.5	4.6	4.1	1.8	6.4
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	N	N	E	N	E	E	N	N	E	N	N	N	E	E
4. Traffic: ADT 1958	1250	1250	1284	1284	1500	1500	1500	1682	1625	1625	2026	2026	4000	4800	4500
5. Traffic: ADT 1975	3200	3200	3300	3300	3800	3800	3800	4500	4300	4300	6000	6000	11800	14200	14200
6. Traffic: DHV 1975	420	420	430	430	490	490	490	580	560	560	780	780	1420	1700	1700
7. Directional distribution factor (D), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55	50	60
8. Percent trucks (T), 1975	15	15	15	15	15	15	15	15	15	15	15	15	12	12	12
9. Design speed (V)	70	60	60	60	60	60	60	50	70	70	70	70	70	70	70
10. Number of through traffic lanes	2	2	4	2	2	2	2	4	2	2	4	4	4	4	4
11. Mileage without frontage roads	1.0	0.3	1.8	2.7	2.4	2.0	5.2	5.8	6.9	--	3.5	2.1	2.1	--	--
12. Mileage with frontage road one side only	--	--	--	--	--	--	1.0	2.0	2.6	3.6	--	2.5	2.0	1.6	--
13. Mileage with frontage road on both sides	--	--	--	--	--	--	--	--	--	--	--	--	--	0.2	6.4
14. Typical cross-section reference	20	20	40	20	20	20	20	40	20	20	40	40	40	40	40
15. Right-of-way width: minimum	250	220	240	220	290	200	300	300	300	300	170	170	170	170	170
prevailing	370	350	280	340	290	250	300	300	300	300	170	170	170	170	170
16. Median width: minimum	--	--	46	--	--	--	--	46	--	--	46	46	46	46	46
prevailing	--	--	46	--	--	--	--	46	--	--	46	46	46	46	46

SHEET 9 OF 10

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	103	103	103	103	103	103	103	103	103	103	103	103
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D14-D15.1	D15.1-D15.2	D15.2-D16	M1-M2	M2-M3	M3-M4	M4-M5	M5-M6	M6-M7	M7-M8	M8-M9	M9-M10	M10-M11	M11-M12	M12-M13
I T E M															
1. Section length, miles	4.6	1.4	3.4	11.1	1.0	2.9	2.1	4.3	7.5	9.5	6.0	2.4	0.7	5.1	0.9
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. location - existing, new or toll	N	N	N	N	N	N	N	N	N	E	N	E	E	E	E
4. Traffic: ADT 1958	4253	4253	3403	1228	1043	1043	1043	1043	1043	1143	1943	1692	1629	1573	1793
5. Traffic: ADT 1975	11300	11300	9100	3000	2600	2600	2600	2600	2600	2800	5300	470	470	4400	4000
6. Traffic: DNV 1975	1360	1360	1090	390	340	340	340	340	340	360	690	610	610	570	570
7. Directional distribution factor (D),1975	60	60	55	55	55	55	55	55	55	55	55	55	55	55	55
8. Percent trucks (T),1975	12	12	15	15	15	15	15	15	15	15	12	12	12	12	12
9. Design speed (V)	70	70	70	50	50	70	60	50	60	60	70	70	70	70	70
10. Number of through traffic lanes	4	4	4	4	4	2	4	4	2	2	2	2	4	2	4
11. Mileage without frontage roads	3.2	1.4	3.4	7.6	0.5	2.9	2.1	3.1	7.3	9.5	4.0	--	--	--	0.3
12. Mileage with frontage road one side only	1.4	--	--	3.5	0.5	--	--	1.2	--	--	2.0	--	--	--	0.3
13. Mileage with frontage road on both sides	--	--	--	--	--	--	--	--	0.2	--	--	2.4	0.7	5.1	0.3
14. Typical cross-section reference	40	40	40	40	40	20	40	40	20	20	20	20	40	20	40
15. Right-of-way width: minimum	300	300	300	300	300	300	300	300	300	300	300	270	300	300	300
prevailing	300	300	300	300	300	300	300	300	300	300	300	320	300	300	300
16. Median width: minimum	46	46	46	46	46	--	46	46	--	--	--	--	46	--	46
prevailing	46	46	46	46	46	--	46	46	--	--	--	--	46	--	46

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 10 OF 10

STATE MONTANANEW INTERSTATE ROUTE NO. 90

Old Interstate route number	103	103	103	103	103	103	103	103					RURAL	URBAN	
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1							
Section	M13-M14	M14-M15	M15-M16	M16-M17	M17-M18	M18-M19	M19-M20	M20-M21							
I T E M															
1. Section length, miles	1.7	0.8	6.6	10.6	1.7	11.4	5.4	4.2					539.3	3.5	542.8
2. Class - rural or urban	R	R	R	R	R	R	R	R							
3. Location - existing, new or toll	E	E	E	E	E	E	E	E							
4. Traffic: ADT 1958	1530	1204	1204	1129	1129	1074	1001	951							
5. Traffic: ADT 1975	420	3300	3300	3100	3100	3000	2800	2600							
6. Traffic: DHV 1975	550	430	430	400	400	420	390	390							
7. Directional distribution factor (D), 1975	55	55	55	55	55	55	55	55							
8. Percent trucks (T), 1975	12	12	12	12	12	12	12	12							
9. Design speed (V)	70	70	70	70	70	70	60	50							
10. Number of through traffic lanes	4	2	2	2	2	2	2	2							
11. Mileage without frontage roads	0.7	0.8	4.6	9.6	0.9	11.4	4.9	4.2					408.5	3.5	412.0
12. Mileage with frontage road one side only	1.0	--	2.0	1.0	0.8	--	--	--					105.6	--	105.6
13. Mileage with frontage road on both sides	--	--	--	--	--	--	0.5	--					25.2	--	25.2
14. Typical cross-section reference	40	20	20	20	20	20	20	20							
15. Right-of-way width: minimum	230	300	300	300	300	300	300	300							
prevailing	300	300	300	300	300	300	300	300							
16. Median width: minimum	46	--	--	--	--	--	--	--							
prevailing	46	--	--	--	--	--	--	--							

Signatures: _____
State: Name and Title

Date _____

State:	Name and Title
--------	----------------

Date _____

BPR Division Engineer

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 10STATE MontanaNEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	A1 - A2	A2 - A3.1	A3.1-A3.2	A3.2-A4	A4 - A5.1	A5.1-A5.2	A5.2 -A6.	A6 - A7	A7 - A8.1	A8.1-A8.2	A8.2-A8.3	A8.3-A9.1	A9.1-A9.2	A9.2-A9.3	A9.3 - A10
Section length, miles (0.1 mile)	3.4	7.6	5.5	5.4	5.6	4.6	0.9	1.2	0.2	0.9	7.9	1.4	2.3	1.2	1.9
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	E	E	E	E	E	E	N	N	N	E	E	N	N	N
No. lanes to be constructed this estimate	4	2	2	2	4	2	2	2	2	2	2	2	2	4	2
No. through traffic lanes	4	2	2	2	4	2	2	2	2	2	2	2	2	4	2
Finance code	22	22	22	22	22	22	22	23	23	23	22	22	23	23	23
WORK CLASSIFICATION	ESTIMATED COSTS (1,000 Dollars)														
1. Preliminary engineering	17	13	42	39	58	19	8	28	20	5	39	--	--	--	--
2. Right-of-way	61	136	146	268	49	16	82	74	4	33	68	93	152	79	126
3. Clear & grub; demolition	20	23	16	16	17	14	11	7	--	5	24	--	--	--	--
4. Utility adjustments	7	83	46	27	29	36	3	3	--	--	48	--	--	--	--
5. Grade & Drain; minor structures	503	847	378	255	473	150	99	169	--	29	265	70	113	139	82
6. Base; surfacing; shoulders	402	364	232	325	640	191	63	60	--	50	448	53	103	94	85
7. R.R. grade separations	104	145	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	--	200	195	206	83	--	--	157	--	--	--	--	--	97	--
10. Other bridges; tunnels	45	112	--	--	37	--	--	170	448	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	22	64	70	61	71	41	6	75	--	14	106	1	27	67	18
13. Roadside improvement	10	22	36	15	--	--	2	3	--	3	23	--	7	4	5
14. All other items	--	37	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	1113	1897	973	905	1350	432	184	644	448	101	914	124	250	401	190
16. Construction Engineering & Contingencies, 10% of line 15	111	190	97	91	135	43	18	64	45	10	91	12	25	40	19
17. Total Estimated Cost	1302	2236	1258	1303	1592	510	292	810	517	149	1112	229	427	520	335

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 2 OF 10

STATE MontanaNEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	A10-A11	A11-A12.1	A12.1-A12.2	A12.2-A12.3	A12.3-A12.4	A12.4-A13.1	A13.1-A13.2	A13.2-A13.3	A13.3-A14	A14-A15	A15-A16	A16-A17	A17-A18	A18-A19	A19 - A20
Section length, miles (0.1 mile)	4.0	5.4	1.8	2.3	0.9	2.5	0.5	0.2	4.3	3.7	2.9	2.1	2.2	1.4	0.2
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	E	E	E	E	E	E	E	N	N	E	N	E	N	N
No. lanes to be constructed this estimate	2	2	2	4	2	2	2	2	2	2	2	2	2	2	4
No. through traffic lanes	2	2	2	4	2	2	2	2	2	2	2	2	2	2	4
Finance code	22	23	22	23	22	22	22	23	23	22	23	23	22	23	23
MARK CLASSIFICATION															
			ESTIMATED COSTS (1,000 Dollars)												
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-way	10	110	1	110	43	112	5	5	105	54	149	14	8	14	8
3. Clear & grub; demolition	--	32	--	--	--	8	3	--	26	--	9	6	7	4	--
4. Utility adjustments	2	--	--	--	3	13	1	--	12	2	13	12	8	57	2
5. Grade & drain; minor structures	174	356	--	--	--	192	12	--	248	--	137	281	462	113	--
6. Base; surfacing; shoulders	223	310	--	--	--	118	20	--	176	119	189	137	123	78	--
7. R.R. grade separations	--	340	--	--	--	--	90	--	69	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	--	--	--	--	--	--	--	--	--	61	--	--	--
9. Interchanges, complete	--	156	--	--	--	--	--	--	197	--	159	--	--	--	--
10. Other bridges; tunnels	--	872	--	--	--	--	--	--	589	340	--	--	575	--	1200
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	25	61	--	--	--	32	4	--	45	40	51	21	22	17	--
13. Roadside improvement	11	35	6	6	3	7	2	--	12	11	8	6	6	4	--
14. All other items	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	435	2162	6	6	6	370	132	786	928	172	566	524	1203	275	1702
16. Construction Engineering & Contingencies, 10% of line 15	44	216	1	1	1	37	13	79	93	17	56	53	120	27	120
17. Total Estimated Cost	479	2478	8	117	50	519	150	870	1124	243	771	589	1331	316	1830

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 3 OF 10STATE MontanaNEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	A20-A21	A21-A22.1	A22.1-A22.2	A22.2-A23	A23-A24.1	A24.1-A24.2	A24.2-A24.3	A24.3-A25	A25 - A26	A26-A27.1	A27.1-A27.2	A27.2-A28.1	A28.1-A28.2	A28.2-A29.1	A29.1-A29.2
Section length, miles (0.1 mile)	1.5	1.4	1.5	3.6	4.5	1.7	6.1	1.6	2.3	1.5	2.2	3.6	6.7	1.0	2.5
Class: Rural or Urban	R	R	R	R	R	R	R	R	U	R	R	R	R	R	R
Location: Existing, new, or toll	N	E	N	E	E	N	N	N	N	N	N	N	N	E	E
No. lanes to be constructed this estimate	4	4	4	2	2	2	4	4	4	4	4	4	4	4	4
No. through traffic lanes	4	4	4	2	2	2	4	4	4	4	4	4	4	4	4
Finance code	23	22	23	22	22	23	23	23	23	23	23	23	23	22	22
WORK CLASSIFICATION			ESTIMATED COSTS (1,000 Dollars)												
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	33	6	35
2. Right-of-way	59	30	140	95	193	45	163	43	2231	148	154	278	109	51	55
3. Clear & grub; demolition	--	4	--	--	--	--	--	--	--	--	6	11	20	--	--
4. Utility adjustments	--	6	3	6	14	6	22	6	20	44	7	51	55	2	35
5. Grade & Drain; minor structures	150	159	81	270	415	155	784	149	474	216	161	455	1103	42	441
6. Base; surfacing; shoulders	206	157	187	267	309	80	1300	339	517	312	457	307	604	83	233
7. R.R. grade separations	--	--	--	--	--	--	111	--	--	--	--	393	264	--	--
8. Highway grade separations without ramps	--	--	--	--	32	--	100	63	--	--	111	--	60	--	57
9. Interchanges, complete	257	--	203	--	158	--	203	220	511	176	222	--	208	--	200
10. Other bridges; tunnels	--	--	--	--	--	--	--	--	157	--	919	453	105	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	20	40	30	42	55	21	68	25	251	27	71	53	85	6	43
13. Roadside improvement	5	4	4	10	13	5	17	5	6	4	6	10	19	23	7
14. All other items	--	--	--	--	--	75	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	638	370	508	595	996	342	2605	807	1936	779	1960	1733	2523	156	816
16. Construction Engineering & Contingencies, 10% of line 15	64	37	51	59	100	34	261	81	194	78	196	173	252	16	82
17. Total Estimated Cost	761	437	699	749	1289	421	3029	931	4361	1005	2310	2184	2917	229	988

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 4 OF 10STATE MontanaNEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	A29.2-A29.3	A29.3-A30	A30-A31	A31-A32	A32-A33	A33-A34	A34-A35	A35-A36	A36-A37	A37-A38	A38-B1	B1-B2.1	B2.1-B2.2	B2.2-B3	B3-B4
Section length, miles (0.1 mile)	7.4	0.9	5.7	5.8	5.6	2.6	4.5	4.2	5.4	5.4	2.0	4.6	7.6	1.0	3.4
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	E	E	N	N	E	N	E	E	E	N	E	N	N	N
No. lanes to be constructed this estimate	4	4	4	4	4	4	4	4	4	4	4	2	2	4	2
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	2	2	4	2
Finance code	22	22	22	23	23	22	23	22	22	22	23	22	23	23	23
WORK CLASSIFICATION			ESTIMATED COSTS (1,000 Dollars)												
1. Preliminary engineering	127	6	--	--	151	--	92	--	--	--	--	--	--	--	--
2. Right-of-way	164	20	125	89	81	47	147	--	--	--	114	64	120	336	44
3. Clear & grub; demolition	--	--	17	17	17	4	--	--	--	--	16	--	--	--	--
4. Utility adjustments	105	13	154	78	29	2	34	--	--	--	38	3	2	24	3
5. Grade & Drain; minor structures	1437	25	1005	627	4380	308	466	--	--	--	623	1159	502	400	52
6. Base; surfacing; shoulders	862	106	476	559	550	274	456	--	--	--	469	196	160	513	116
7. R.R. grade separations	--	--	--	596	470	--	691	--	--	--	194	112	--	--	--
8. Highway grade separations without ramps	--	--	--	57	--	--	--	--	--	--	--	103	--	197	--
9. Interchanges, complete	430	--	83	--	248	203	158	--	--	--	215	287	159	158	123
10. Other bridges; tunnels	--	--	--	425	657	--	--	--	--	--	--	--	107	--	102
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	110	9	79	88	112	43	195	--	--	--	60	80	47	23	19
13. Roadside improvement	21	3	17	17	16	7	13	12	15	35	6	13	4	3	10
14. All other items	--	--	--	--	--	--	74	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	2965	156	1831	2464	6479	841	2087	12	15	1650	1946	990	1319	418	363
16. Construction Engineering & Contingencies, 10% of line 15	297	16	183	246	648	84	209	1	2	165	195	99	132	42	36
17. Total Estimated Cost	3263	198	2139	2799	7359	972	2535	13	17	1929	2205	1209	1787	504	586

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 5 OF 10STATE MontanaNEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	B4 - B5.1	B5.1-B5.2	B5.2-B6	B6-B7	B7-B8	B8-B9	B9-B10	B10-B12.3	B12.3-B13	B13-B14.1	B14.1-B14.2	B14.2-B15	B15-B16	B16-B17.1	B17.1-B17.2
Section length, miles (0.1 mile)	3.1	3.1	3.8	3.6	3.6	1.6	7.5	=	5.8	7.1	5.3	4.0	3.5	2.9	7.8
Class: Rural or Urban	R	R	R	R	R	R	R	G20.1-G21	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	N	N	E	N	N	E	SEE	N	N	N	N	N	E	N
No. lanes to be constructed this estimate	2	2	2	2	4	4	4	FAI 15	4	4	4	4	2	2	4
No. through traffic lanes	2	2	2	2	4	4	4		4	4	4	4	2	2	2
Finance code	23	23	23	22	23	23	22		23	23	23	23	23	22	23
WORK CLASSIFICATION			ESTIMATED COSTS (1,000 Dollars)												
1. Preliminary engineering	--	--	--	--	--	--	--		39	--	--	--	--	--	--
2. Right-of-way	93	48	105	29	49	34	90		179	20	124	139	26	65	145
3. Clear & grub; demolition	--	--	--	--	3	--	--		15	80	--	--	--	--	--
4. Utility adjustments	10	1	7	8	1	20	31		15	46	12	6	17	11	10
5. Grade & Drain; minor structures	109	186	103	54	262	251	893		3726	3859	1409	277	284	79	2569
6. Base; surfacing; shoulders	170	202	257	242	357	159	762		614	744	525	379	187	159	663
7. R.R. grade separations	--	131	--	--	--	178	127		--	--	260	--	--	--	--
8. Highway grade separations without ramps	44	--	42	--	--	--	--		57	57	57	113	--	--	57
9. Interchanges, complete	--	--	176	--	218	200	248		108	--	250	205	--	159	108
10. Other bridges; tunnels	20	--	20	57	26	--	--		--	--	--	56	--	--	102
11. Walls	--	--	--	--	--	--	--		--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	28	36	65	24	67	54	92		80	111	59	48	22	16	119
13. Roadside improvement	9	9	31	10	10	4	21		8	20	15	11	10	8	44
14. All other items	--	--	--	--	--	--	--		--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	390	565	701	395	944	866	2174		4623	4917	2587	1095	520	432	3672
16. Construction Engineering & Contingencies, 10% of line 15	39	56	70	40	94	87	217		462	492	259	110	52	43	367
17. Total Estimated Cost	522	669	876	464	1087	987	2481		5303	5429	2970	1344	598	540	4184

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 6 OF 10

STATE Montana

NEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	B17.2-B18	B18 - C1	C1 - C2	C2 - C3.1	C3.1-C3.2	C3.2-C4.1	C4.1-C4.2	C4.2-C5.1	C5.1-C5.2	C5.2-C6	C6-C7.1	C7.1-C7.2	C7.2-C8.1	C8.1-C8.2	C8.2-C9
Section length, miles (0.1 mile)	3.0	3.8	2.5	3.5	3.0	7.8	1.5	8.8	8.1	1.0	1.0	3.7	1.9	3.1	3.7
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	U	R	R	R	R
Location: Existing, new, or toll	N	N	N	N	N	N	N	N	N	N	N	E	E	E	E
No. lanes to be constructed this estimate	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4
No. through traffic lanes	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4
Finance code	23	23	23	23	23	23	23	23	23	23	23	22	22	22	22
WORK CLASSIFICATION			ESTIMATED COSTS (1,000 Dollars)												
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--	124
2. Right-of-way	56	85	18	81	75	194	60	255	407	28	257	487	194	149	73
3. Clear & grub; demolition	--	--	--	22	9	--	--	6	--	--	--	--	--	--	--
4. Utility adjustments	4	1	2	20	21	22	4	17	10	9	30	35	32	118	51
5. Grade & Drain; minor structures	167	273	203	242	204	514	268	673	363	45	95	231	653	745	2197
6. Base; surfacing; shoulders	159	201	132	727	623	1619	318	1843	1710	212	208	841	209	310	405
7. R.R. grade separations	--	--	--	--	241	--	259	140	--	341	115	209	--	244	--
8. Highway grade separations without ramps	--	--	--	--	106	--	--	213	106	115	--	--	--	--	--
9. Interchanges, complete	--	--	--	213	258	213	250	197	221	--	--	391	--	255	190
10. Other bridges; tunnels	--	--	--	396	455	86	--	429	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	18	23	14	60	62	67	28	98	138	14	79	35	59	73	42
13. Roadside improvement	8	11	7	10	3	22	4	25	23	3	3	11	5	--	26
14. All other items	--	--	--	--	--	--	--	--	--	--	--	37	--	--	--
15. Subtotal, lines 3 to 14	356	509	358	1699	1982	2543	1131	3641	2571	739	530	1790	938	1745	2911
16. Construction Engineering & Contingencies, 10% of line 15	36	51	36	170	198	254	113	364	257	74	53	179	94	175	291
17. Total Estimated Cost	448	545	412	1950	2255	2991	1304	4260	3235	811	810	2456	1226	2069	3399

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

NEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route Identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	C9-C10	C10 - C11	C11 - C12.1	C12.1-C12.2	C12.2-C13	C13-C14	C14-C15.1	C15.1-C15.2	C15.2-C15.3	C15.3-D1	D1 - D2	D2 - D3.1	D3.1-D3.2	D3.2-D4.1	D4.1 - D4.2
Section length, miles (0.1 mile)	5.1	3.2	3.0	0.2	0.5	3.4	4.7	7.7	4.1	0.4	13.6	3.5	5.7	2.9	10.4
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	E	E	N	N	N	E	E	E	E	E	N	E	N	E
No. lanes to be constructed this estimate	4	4	4	4	4	4	4	2	4	2	2	2	2	2	2
No. through traffic lanes	4	4	4	4	4	4	4	2	4	2	2	2	2	2	2
Finance code	22	22	22	23	23	23	22	22	23	22	22	23	22	23	22
WORK CLASSIFICATION	ESTIMATED COSTS (1,000 Dollars)														
1. Preliminary engineering	65	28	--	--	--	--	--	--	--	9	41	51	42	23	--
2. Right-of-way	177	126	158	11	26	179	125	--	--	41	152	180	153	226	207
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	131	54	20	1	2	3	46	--	--	10	280	34	155	44	100
5. Grade & Drain; minor structures	568	233	498	97	252	379	172	--	--	15	114	361	176	100	242
6. Base; surfacing; shoulders	585	325	308	19	47	319	441	--	--	13	329	218	328	175	598
7. R.R. grade separations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	--	--	--	111	--	--	--	--	--	62	--	--	--
9. Interchanges, complete	168	--	573	--	--	--	422	--	--	158	158	158	172	158	--
10. Other bridges; tunnels	--	--	--	--	--	--	--	--	--	--	--	313	90	25	89
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	42	20	123	4	11	20	51	--	--	16	26	32	46	28	65
13. Roadside improvement	14	9	9	1	1	10	13	22	12	1	39	10	16	8	50
14. All other items	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	1508	641	1531	122	313	842	1145	22	12	213	946	1188	983	538	1144
16. Construction Engineering & Contingencies, 10% of line 15	151	64	153	12	31	84	114	2	1	21	95	119	98	54	114
17. Total Estimated Cost	1901	859	1842	145	370	1105	1384	24	13	284	1234	1538	1276	841	1465

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 8 OF 10

STATE MontanaNEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D4.2-D5	D5.1-D5.2	D5.2-D5.3	D5.3-D6	D6-D7.1	D7.1-D7.2	D7.2-D8	D8 - D9	D9-D10.1	D10.1-D10.2	D10.2-D11	D11-D12	D12-D13.1	D13.1-D13.2	D13.2-D14
Section length, miles (0.1 mile)	1.0	0.3	1.8	2.7	2.4	2.0	6.2	7.8	9.5	3.6	3.5	4.6	4.1	1.8	6.4
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	N	N	E	N	E	E	N	N	E	N	N	N	E	E
No. lanes to be constructed this estimate	2	2	4	2	2	2	2	4	2	2	4	4	4	4	4
No. through traffic lanes	2	2	4	2	2	2	2	4	2	2	4	4	4	4	4
Finance code	23	23	23	23	23	22	22	23	23	22	23	23	23	22	22
WORK CLASSIFICATION			ESTIMATED COSTS (1,000 Dollars)												
1. Preliminary engineering	--	2	18	17	28	11	33	167	34	--	--	--	--	--	--
2. Right-of-way	29	12	71	106	70	71	86	306	287	106	275	273	34	58	619
3. Clear & grub; demolition	--	--	--	--	--	--	--	23	--	--	--	--	--	--	--
4. Utility adjustments	19	2	12	19	16	30	57	17	8	8	31	28	66	10	--
5. Grade & Drain; minor structures	44	51	244	480	459	170	283	2304	759	83	243	406	141	59	--
6. Base; surfacing; shoulders	56	17	178	151	134	112	354	706	398	233	188	475	424	227	--
7. R.R. grade separations	--	--	--	--	94	--	--	--	--	--	--	311	--	--	--
8. Highway grade separations without ramps	51	--	--	--	51	33	--	--	--	--	--	240	--	--	--
9. Interchanges, complete	--	--	260	--	--	--	--	423	158	165	--	--	475	--	--
10. Other bridges; tunnels	--	--	--	--	316	50	--	220	165	60	--	--	68	35	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	6	13	11	16	15	12	55	149	69	33	22	79	76	11	5
13. Roadside improvement	3	1	5	8	7	6	18	42	27	10	10	13	12	5	18
14. All other items	--	--	--	--	--	--	--	--	--	75	--	--	--	--	--
15. Subtotal, lines 3 to 14	179	84	710	674	1092	413	767	3884	1584	667	494	1552	1262	347	21
16. Construction Engineering & Contingencies, 10% of line 15	18	8	71	67	109	41	77	389	158	66	49	155	126	34	2
17. Total Estimated Cost	226	106	870	864	1299	536	963	4746	2063	839	818	1980	1422	439	642

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

NEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	103	103	103	103	103	103	103	103	103	103	103	103
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D14-D15.1	D15.1-D15.2	D15.2-D16	M1-M2	M2-M3	M3-M4	M4-M5	M5-M6	M6-M7	M7-M8	M8-M9	M9-M10	M10-M11	M11-M12	M12-M13
Section length, miles (0.1 mile)	4.6	1.4	3.4	11.1	1.0	2.9	2.1	4.3	7.5	9.5	6.0	2.4	0.7	5.1	0.9
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	N	N	N	N	N	N	N	N	E	N	E	E	E	E
No. lanes to be constructed this estimate	4	4	4	4	4	2	4	4	2	2	2	2	4	2	2
No. through traffic lanes	4	4	4	4	4	2	4	4	2	2	2	2	4	2	2
Finance code	23	23	23	23	23	23	23	23	23	22	23	22	22	22	22
WORK CLASSIFICATION			ESTIMATED COSTS (1,000 Dollars)												
1. Preliminary engineering	--	--	--	38	5	3	3	--	--	42	72	--	--	--	--
2. Right-of-way	402	110	245	202	212	2	22	29	9	51	104	--	--	--	--
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	206	34	38	39	1	1	--	--	9	3	27	--	--	--	--
5. Grade & Drain; minor structures	285	117	255	1702	399	49	57	590	208	209	115	--	--	--	--
6. Base; surfacing; shoulders	490	139	337	1126	103	145	186	390	423	531	440	--	--	--	--
7. R.R. grade separations	129	--	--	--	--	--	--	--	89	--	128	--	--	--	--
8. Highway grade separations without ramps	181	--	261	--	--	--	--	--	--	40	72	--	--	--	--
9. Interchanges, complete	439	297	261	618	--	--	--	--	205	--	317	--	--	--	--
10. Other bridges; tunnels	--	977	--	122	--	--	--	--	--	--	371	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	352	36	48	100	23	18	13	27	75	75	108	--	--	--	5
13. Roadside improvement	13	4	10	32	3	8	6	12	41	27	17	7	2	15	2
14. All other items	--	--	75	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	2095	1404	1285	3739	529	221	262	1019	1050	885	1595	7	2	15	7
16. Construction Engineering & Contingencies, 10% of line 15	210	160	129	374	53	22	26	102	105	89	160	1	--	1	1
17. Total Estimated Cost	2707	1874	1659	4353	799	248	313	1150	1164	1067	1931	8	2	16	8

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 10 OF 10

STATE MontanaNEW INTERSTATE ROUTE NO. 90

Old Interstate route number	103	103	103	103	103	103	103	103							
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1							
Section	M13-M14	M14-M15	M15-M16	M16-M17	M17-M18	M18-M19	M19-M20	M20-M21							
Section length, miles (0.1 mile)	1.7	0.8	6.6	10.6	1.7	11.4	5.4	4.2							
Class: Rural or Urban	R	R	R	R	R	R	R	R							
Location: Existing, new, or toll	E	E	E	E	E	E	E	E							
No. lanes to be constructed this estimate	4	2	2	2	2	2	2	2							
No. through traffic lanes	4	2	2	2	2	2	2	2							
Finance code	22	22	22	22	22	22	22	22							
WORK CLASSIFICATION	ESTIMATED COSTS (1,000 Dollars)														
1. Preliminary engineering	--	--	--	51	20	56	36	22					1818	--	1818
2. Right-of-way	--	--	186	282	28	184	214	44					15027	2499	17526
3. Clear & grub; demolition	--	--	--	--	--	34	--	--					552	--	552
4. Utility adjustments	--	--	--	56	12	52	54	5					3435	51	3486
5. Grade & Drain; minor structures	--	--	16	353	81	340	257	217					55911	666	56577
6. Base; surfacing; shoulders	--	--	15	601	95	604	310	235					42583	744	43327
7. R.R. grade separations	--	--	--	--	--	--	--	--					6460	115	6575
8. Highway grade separations without ramps	--	--	--	--	62	71	--	--					3043	--	3043
9. Interchanges, complete	--	--	316	--	158	--	158	--					15438	511	15949
10. Other bridges; tunnels	--	--	--	53	40	69	--	--					11956	157	12113
11. Walls	--	--	--	--	--	--	--	--					--	--	--
12. Guardrail; fencing; lighting; traffic control devices	--	--	--	65	26	104	44	26					6169	334	6503
13. Roadside improvement	5	3	43	50	5	33	16	12					1704	10	1714
14. All other items	--	--	19	--	--	--	--	--					392	--	392
15. Subtotal, lines 3 to 14	5	3	409	1178	479	1307	839	495					147643	2588	150231
16. Construction Engineering & Contingencies, 10% of line 15	1	0	41	118	48	131	84	49					14764	259	15023
17. Total Estimated Cost	6	3	636	1629	575	1678	1173	610					179252	5346	184598

Signatures:

Date _____

State: Name and Title _____

Date _____

BPR Division Engineer _____

Sheet 1 of 10

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90[illegible]

BY ROUTE SECTIONS WITH ROUTE TOTALS

[illegible]

BY ROUTE SECTIONS WITH ROUTE TOTALS

BY ROUTE SECTIONS WITH ROUTE TOTALS

Sheet 5 of 10

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	B4-B5.1	B5.1-B5.2	B5.2-B6	B6-B7	B7-B8	B8-B9	B9-B10	B10-B12.3	B12.3-B13	B13-B14.1	B14.1-B14.2	B14.2-B15	B15-B16	B16-B17.1	B17.1-B17.2
Section length, miles (0.1 mile)	3.1	3.1	3.8	3.6	3.6	1.6	7.5	=	5.8	7.1	5.3	4.0	3.5	2.9	7.8
Class: Rural or Urban	R	R	R	R	R	R	R	G20.1-G21	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	N	N	E	N	N	E		N	N	N	N	N	E	N
No. Lanes to be constructed this estimate	2	2	2	2	4	4	4	(See	4	4	4	4	2	2	4
No. through traffic lanes	2	2	2	2	4	4	4	FAT 15)	4	4	4	4	2	2	4
Finance code	23	23	23	22	23	23	22		23	23	23	23	23	22	23
WORK CLASSIFICATION					ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES										
Item No. from Table C															
7. R.R. grade separations	Cost	-	131	-	-	-	178	127		-	-	260	-	-	-
No. for which costs estimated		-	1	-	-	-	1	1		-	-	1	-	-	-
No. in service - cost = zero		-	-	-	-	-	-	-		-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-		-	-	-	-	-	-
8. Highway grade separations without ramps	Cost	44	-	42	-	-	-	-		57	57	57	113	-	57
No. for which costs estimated		1	-	1	-	-	-	-		1	1	1	2	-	1
No. in service - cost = zero		-	-	-	-	-	-	-		-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-		-	-	-	-	-	-
9. Interchanges, complete	Cost	-	-	176	-	218	200	248	COINCIDENT MILEAGE	108	-	250	205	-	150
No. for which costs estimated		-	-	1	-	1	1	1		1	-	1	1	-	1
No. in service - cost = zero		-	-	-	-	-	-	-		-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-		-	-	-	-	-	-
10. Other bridges: tunnels	Cost	20	-	20	57	26	-	-		-	-	-	56	-	102
No. for which costs estimated		1	-	1	1	1	-	-		-	-	-	1	-	1
No. in service - cost = zero		-	-	-	-	-	-	-		-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-		-	-	-	-	-	-
Total structures	Cost	64	131	238	57	244	378	375		165	57	567	374	-	267
No. for which costs estimated		2	1	3	1	2	2	2		2	1	3	4	-	3
No. in service - cost = zero		-	-	-	-	-	-	-		-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-		-	-	-	-	-	-

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

Sheet 6 of 10

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90

[illegible]

BY ROUTE SECTIONS WITH ROUTE TOTALS

[illegible]

Sheet 8 of 10

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90[illegible]

BY ROUTE SECTIONS WITH ROUTE TOTALS

NEW INTERSTATE ROUTE NO. 90

[illegible]

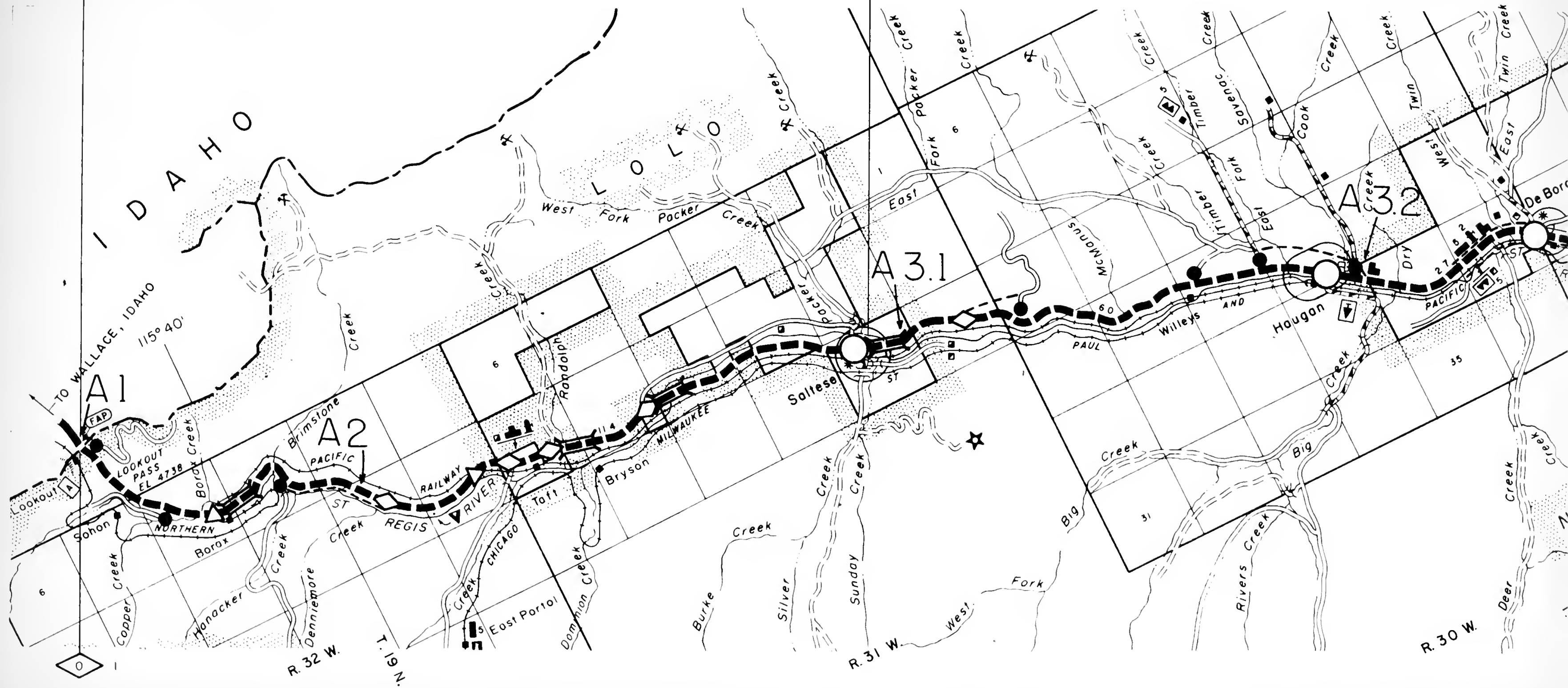
BY ROUTE SECTIONS WITH ROUTE TOTALS

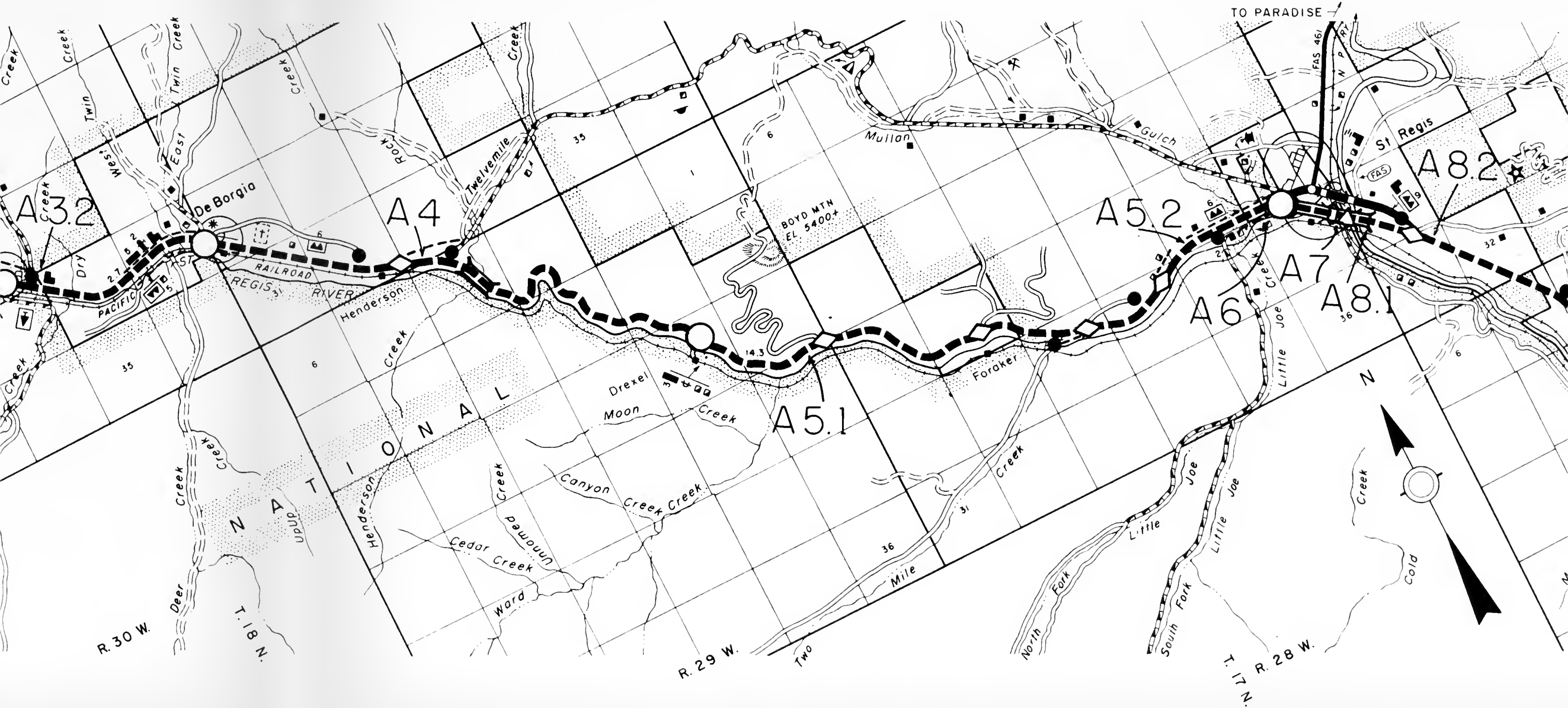
NEW INTERSTATE ROUTE NO. 90

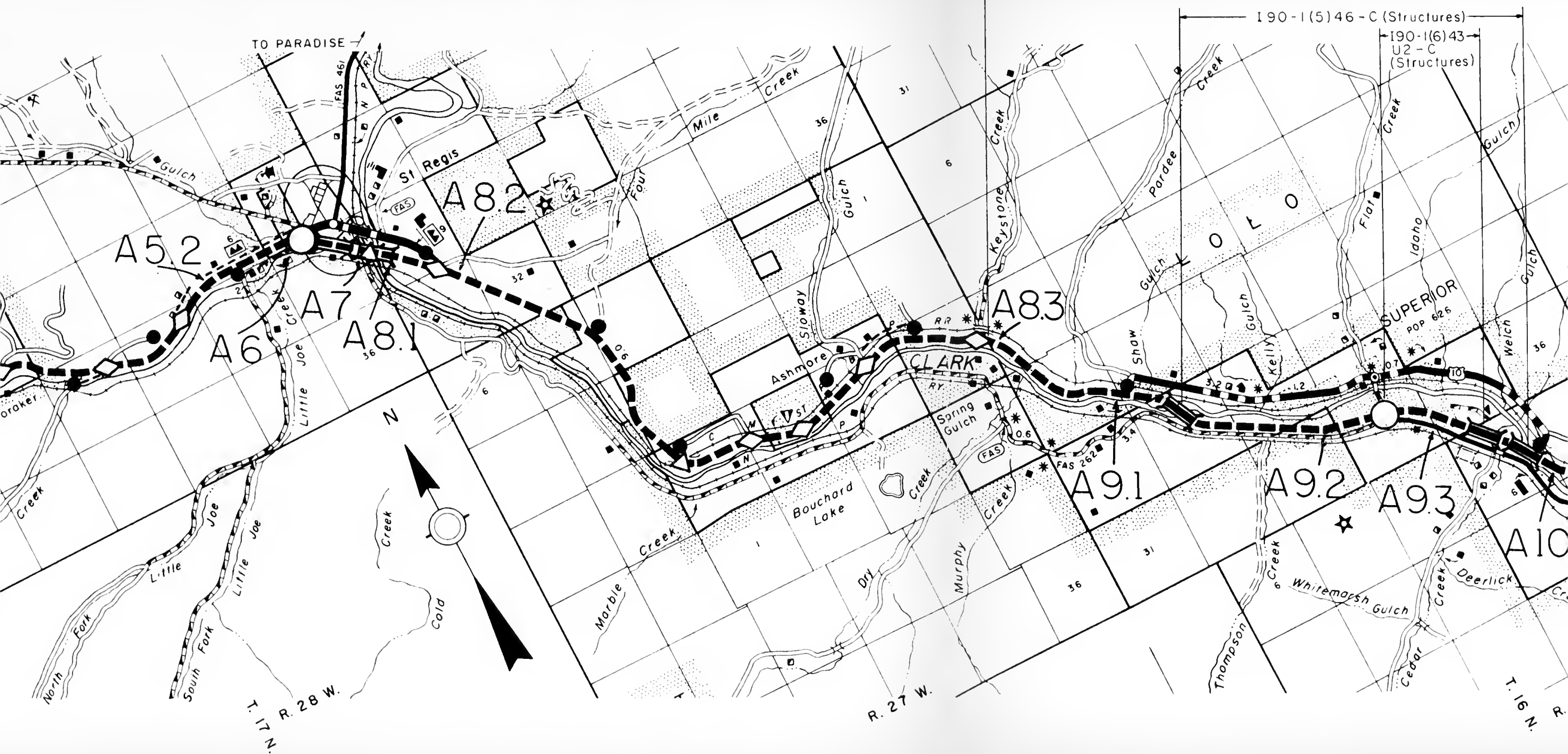
NEW INTERSTATE ROUTE NO. 90

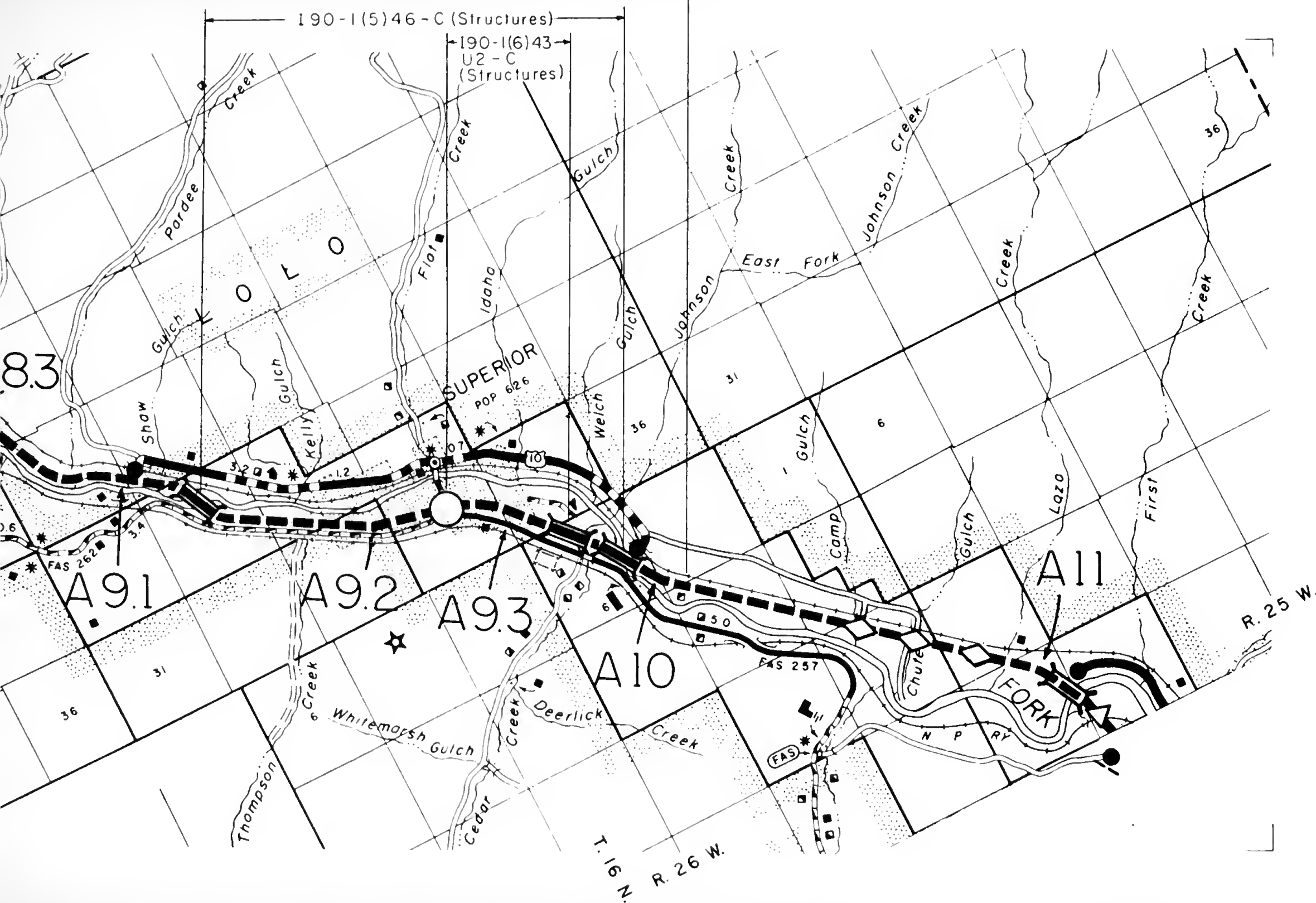
BPR Division Engineer

Date _____







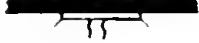

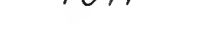



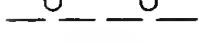






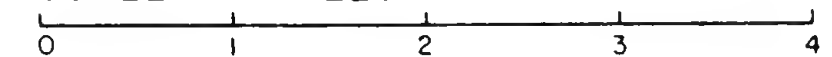




LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4 - 5
-  INTERSTATE LOCATION STEP 1 - 2 - 3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS

SCALE IN MILES



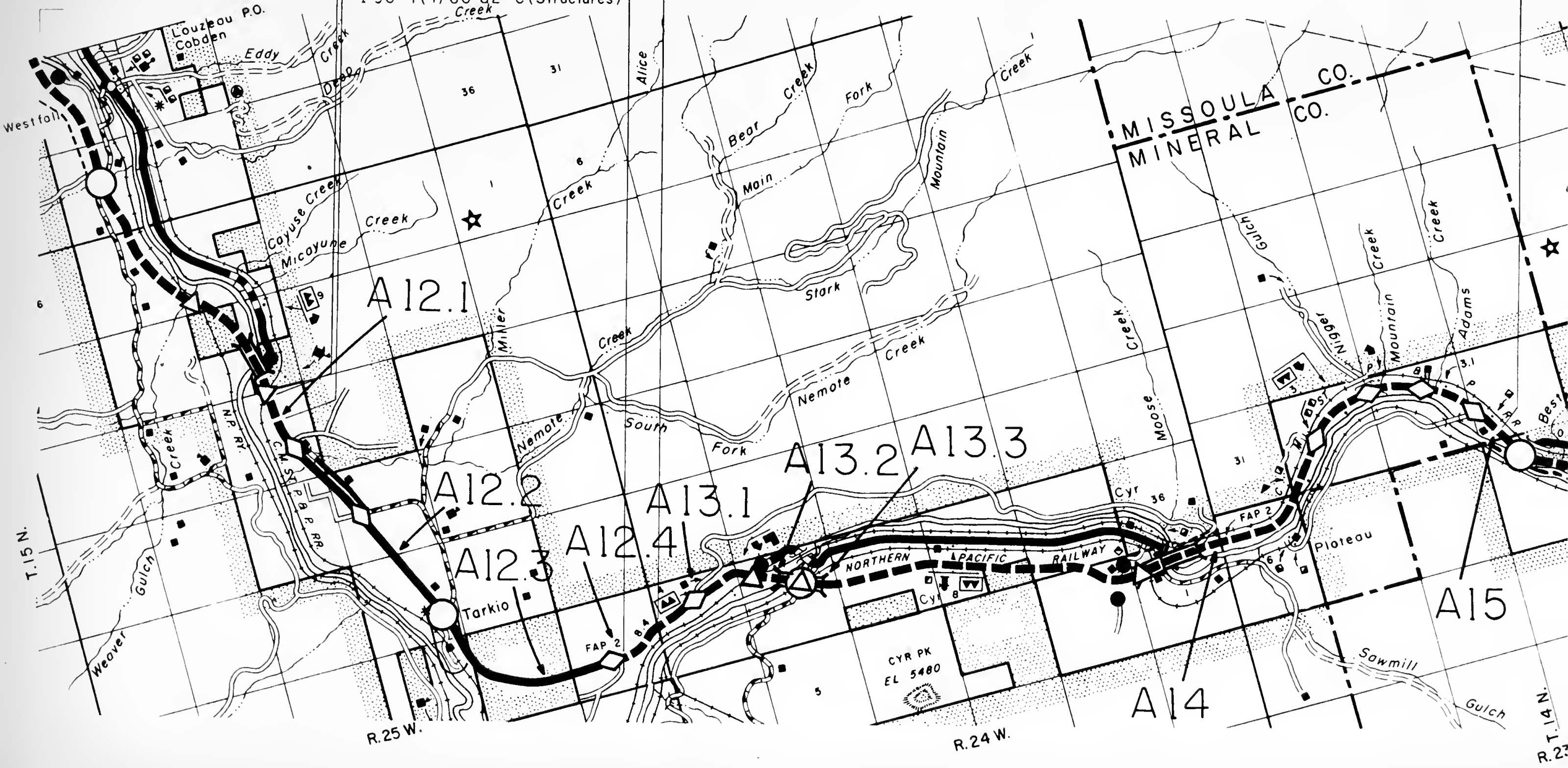
MONTANA

INTERSTATE ROUTE 90 (101)

Sheet 1 of 11

Date January 1, 1960

I 90-1(7) 60 UI-C (Signing)
 I 90-1(4) 60 UI-C (Roadway)
 I 90-1(4) 60 U2-C (Structures)



A12.1

A12.2

A12.3

A12.4

A13.1

A13.2 A13.3

A14

A15

MISSOULA
MINERAL CO.

CO.

CO.

CYR PK
EL 5480

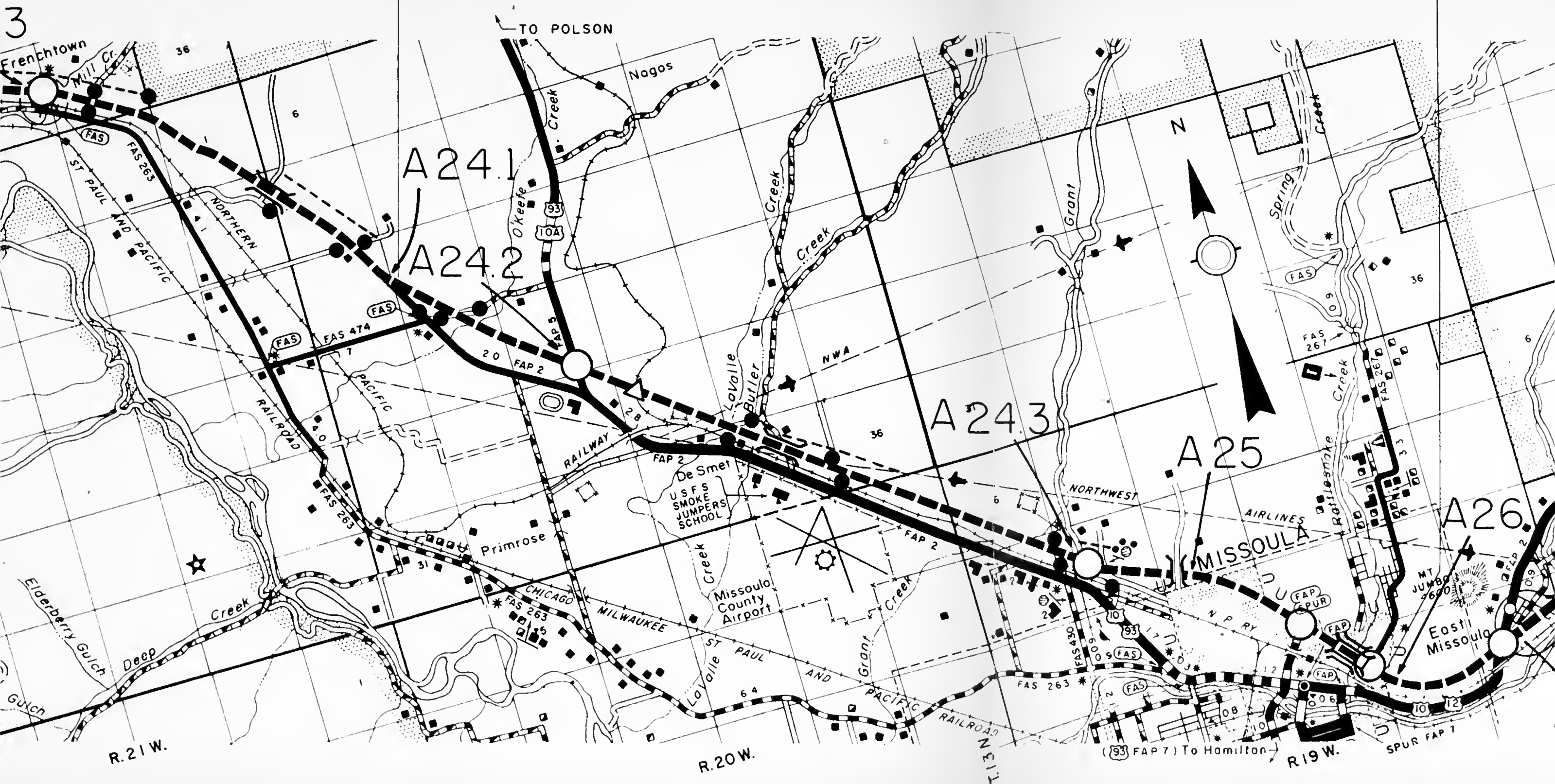
R.24 W.

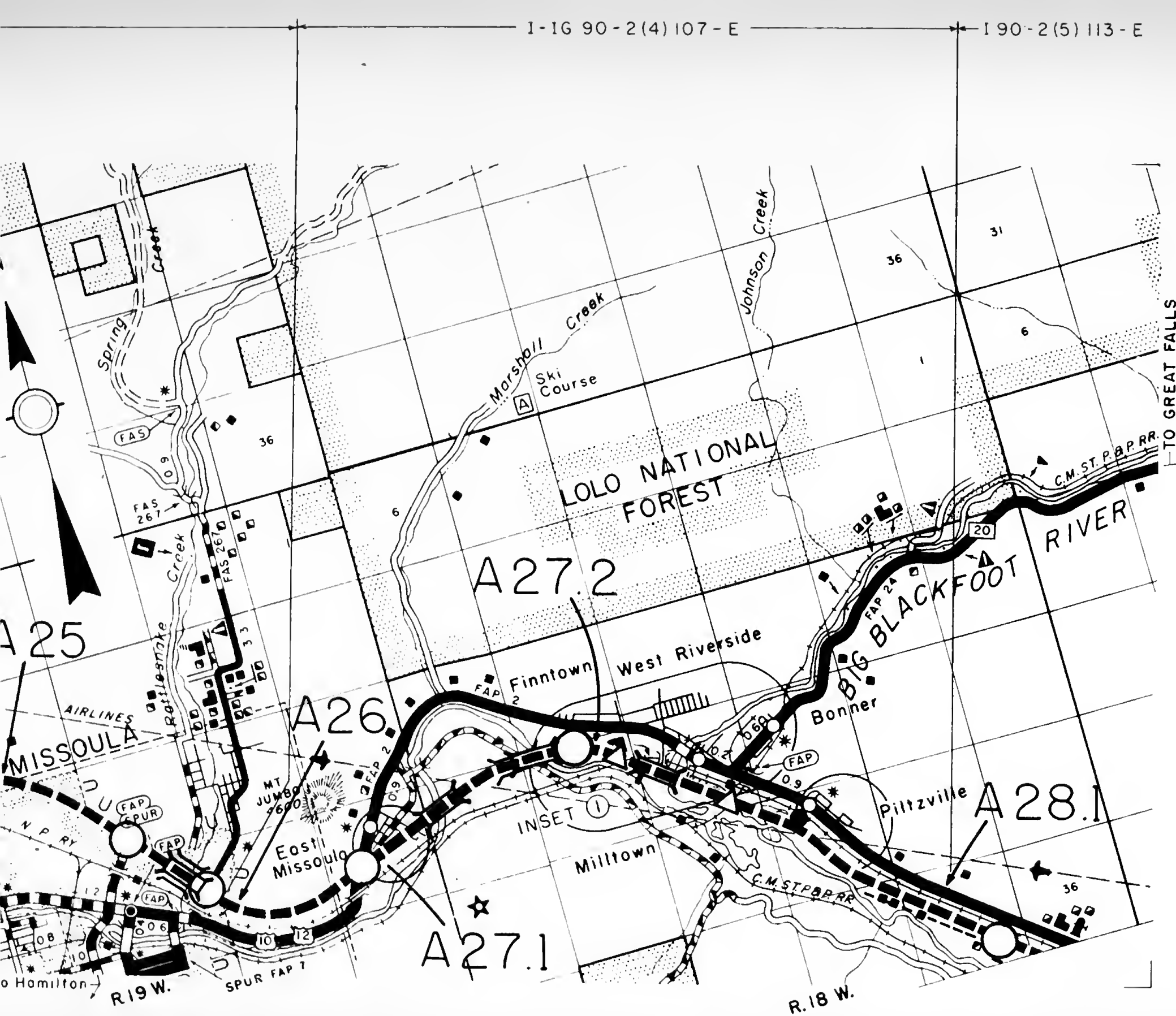
R.25 W.

T.14 N.
R.23 W.

T.15 N.

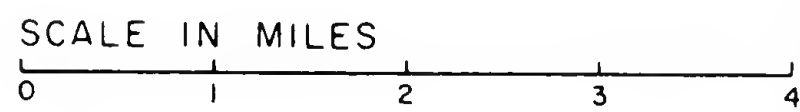






LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

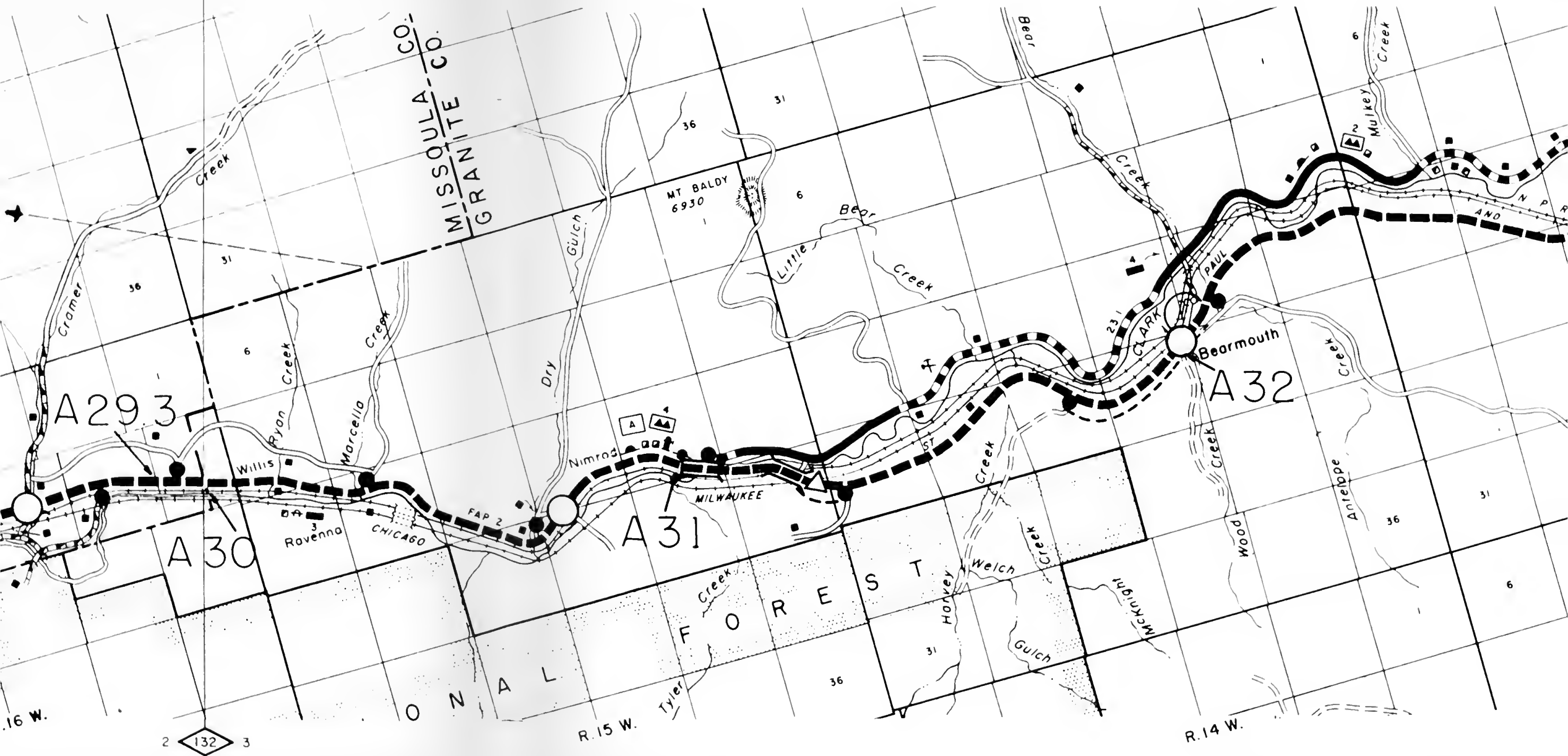


MONTANA

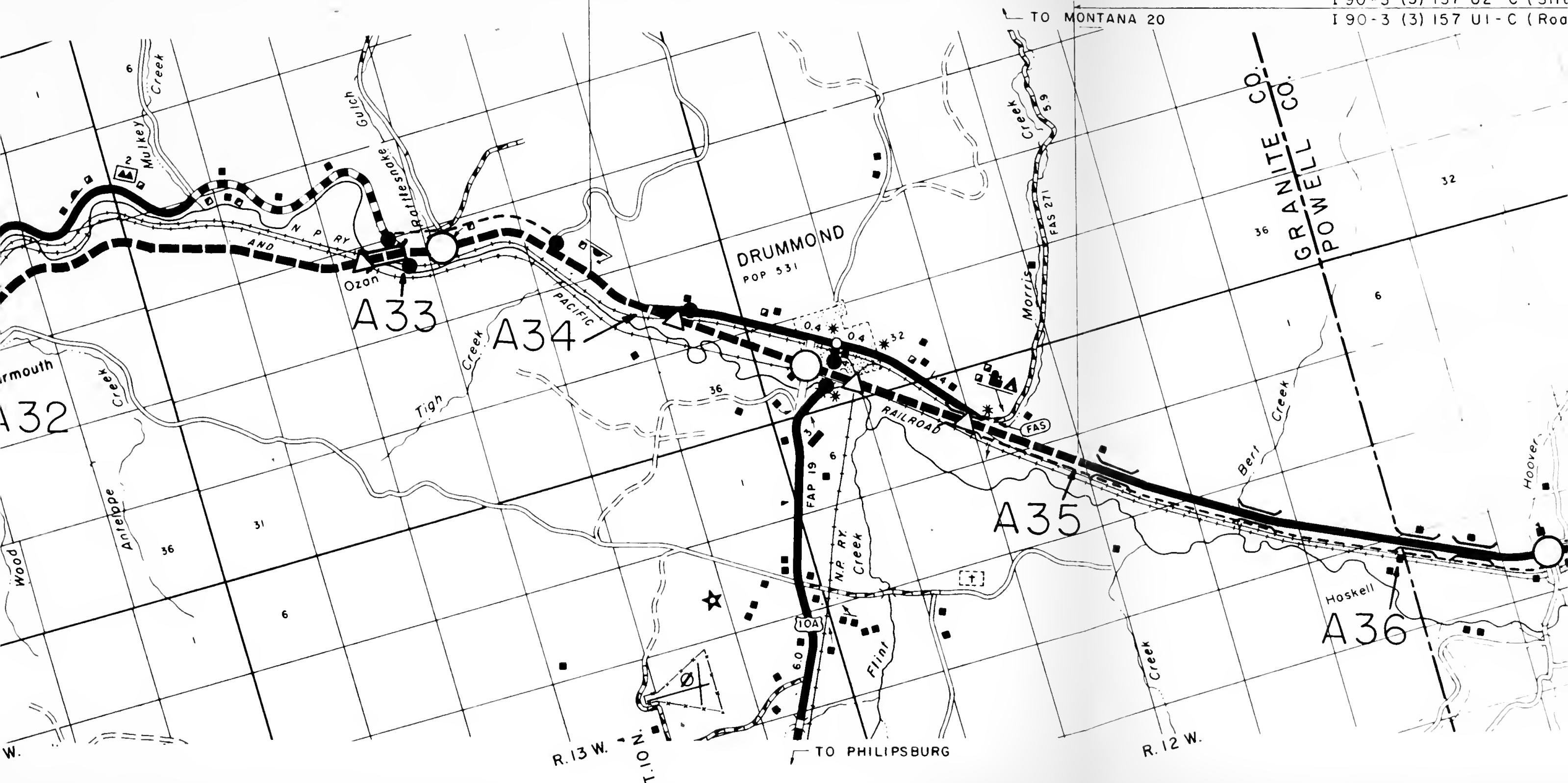
INTERSTATE ROUTE 90 (101)

Sheet 2 of 11

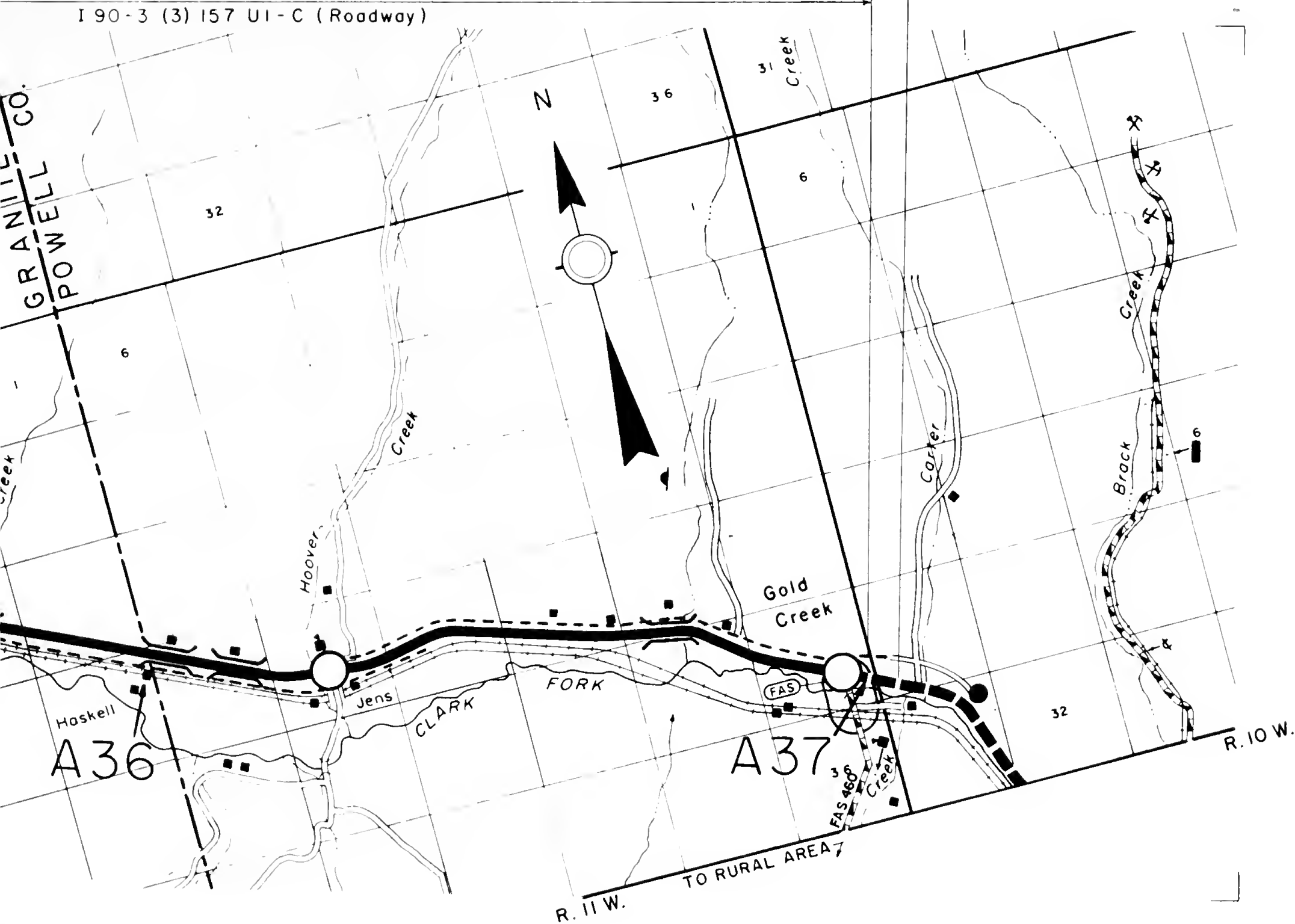
Date January 1, 1960









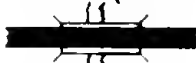
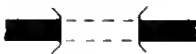




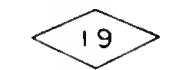
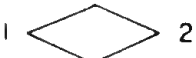
190-3 (5) 157 UI - C (Sign)
 190-3 (3) 157 U2 - C (Stru)
 190-3 (3) 157 UI - C (Road)



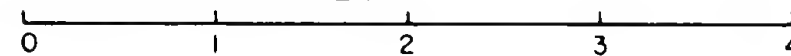
190-3 (5) 157 U1 - C (Signing)
190-3 (3) 157 U2 - C (Structures)
190-3 (3) 157 U1 - C (Roadway)



LEGEND FOR INTERSTATE ROUTES

- | | |
|---|---|
|  | INTERSTATE LOCATION STEP 4 - 5 |
|  | INTERSTATE LOCATION STEP 1 - 2 - 3 |
|  | INTERCHANGE |
|  | HIGHWAY GRADE SEPARATION - NO CONNECTION |
|  | RAILROAD GRADE SEPARATION |
|  | COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION |
|  | OTHER BRIDGE |
|  | TUNNEL |
| <i>Toll</i> | TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION |
|  | FRONTAGE ROAD |
|  | TERMINATED CROSS ROAD |
|  | INTERSECTION AT-GRADE |
|  | URBAN AREA BOUNDARY |
|  | POST MILEAGE |
|  | ROUTE SECTIONS |

SCALE IN MILES

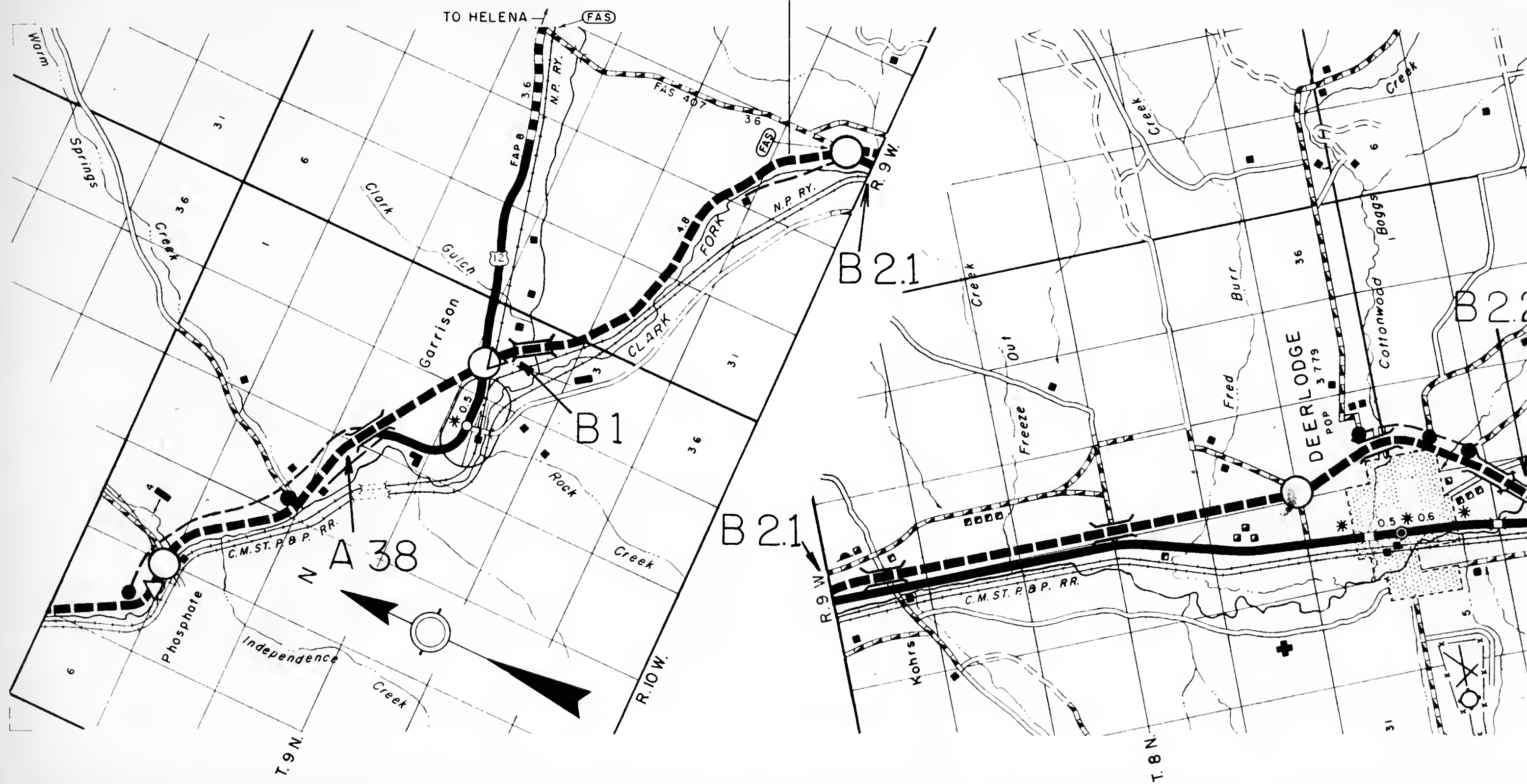


MONTANA

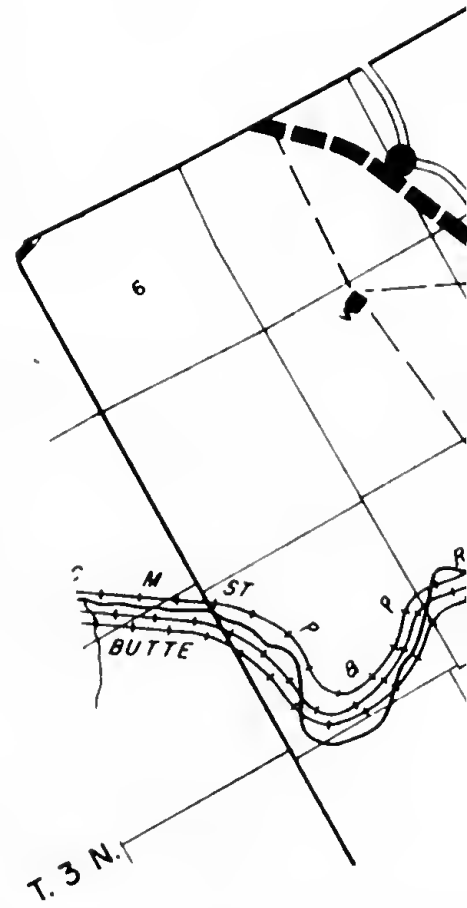
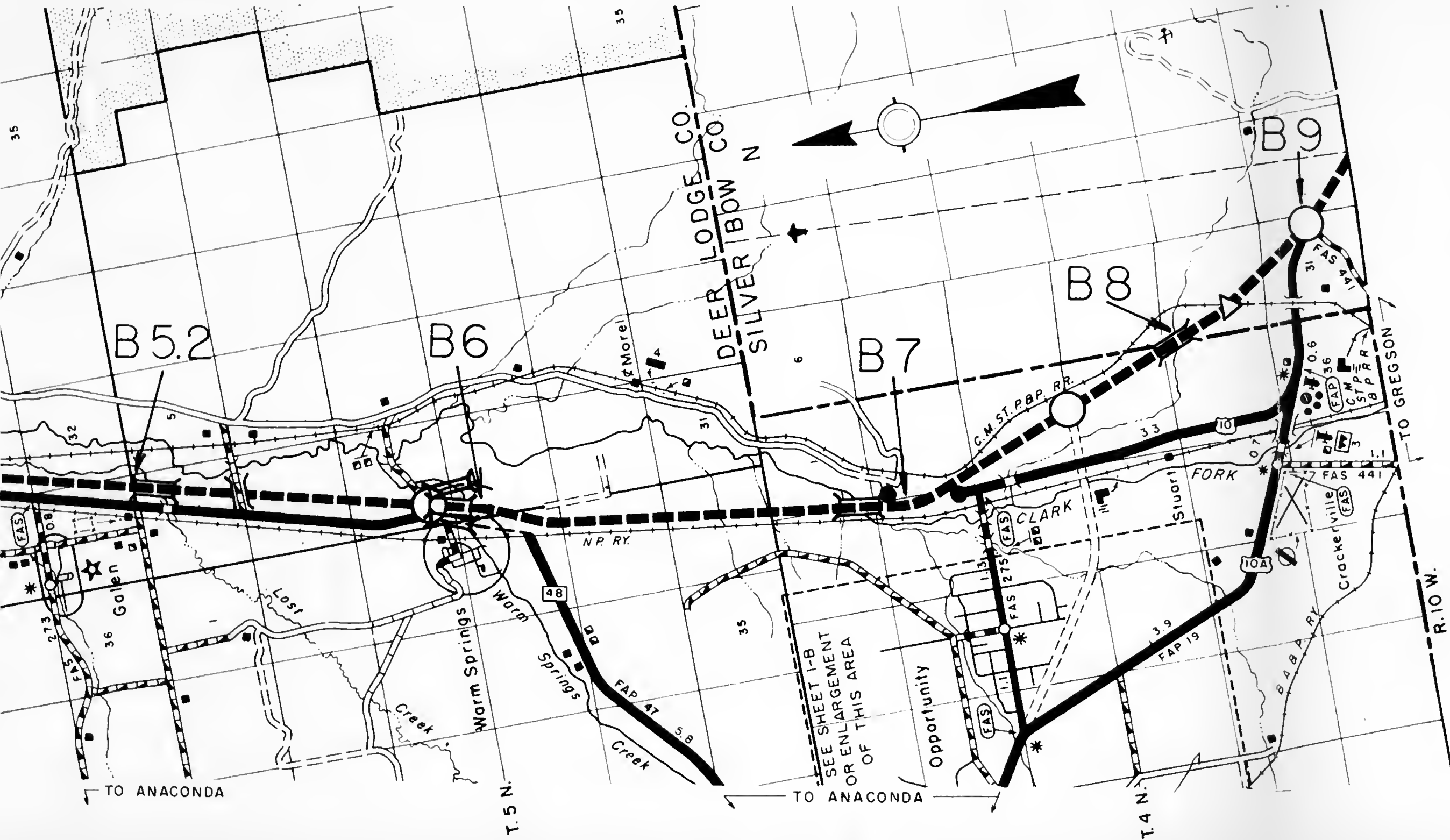
INTERSTATE ROUTE 90 (101)

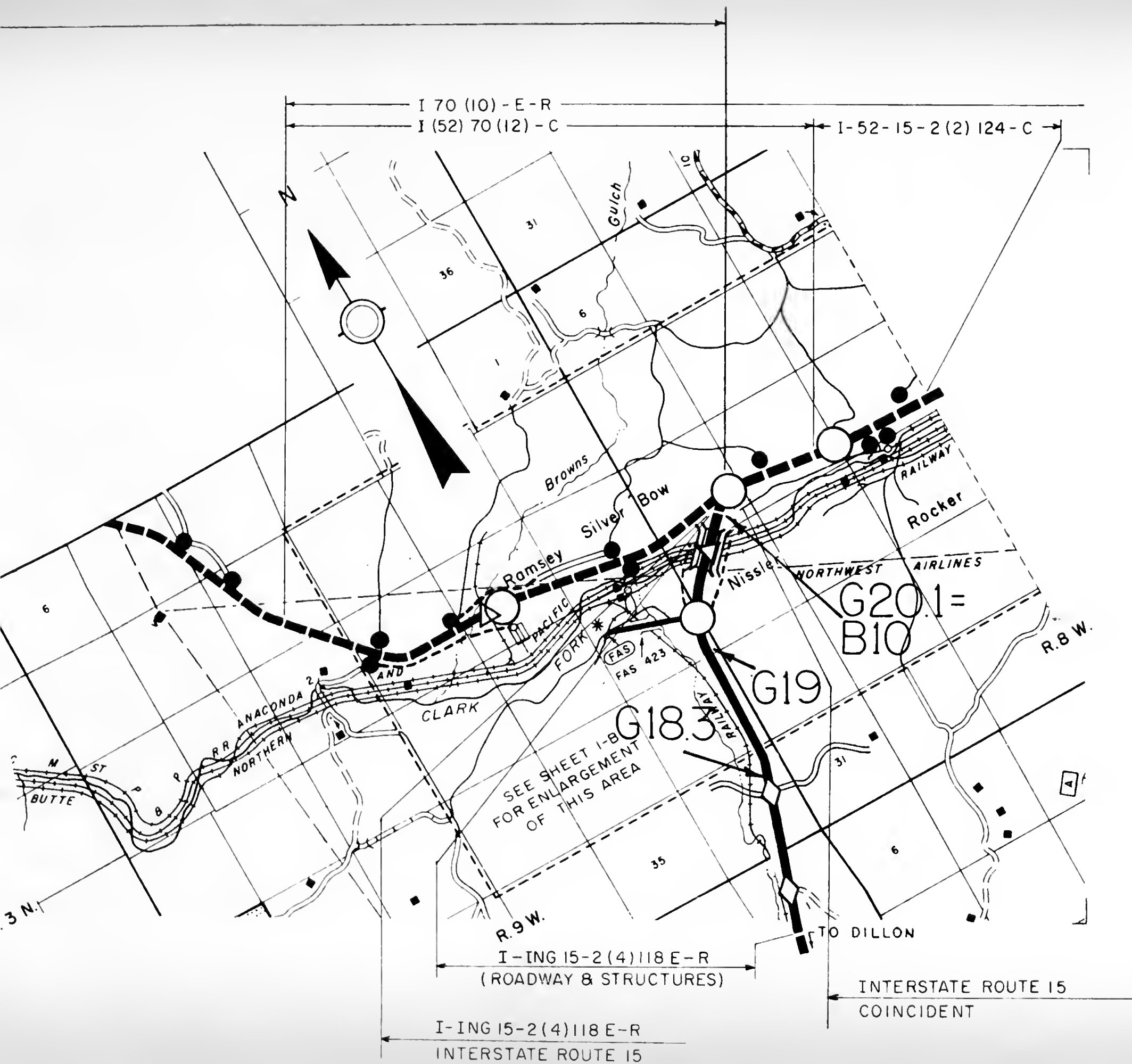
Sheet 3 of 11

Date January 1, 1960





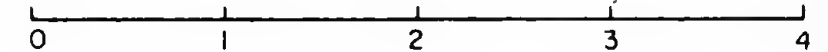




LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES

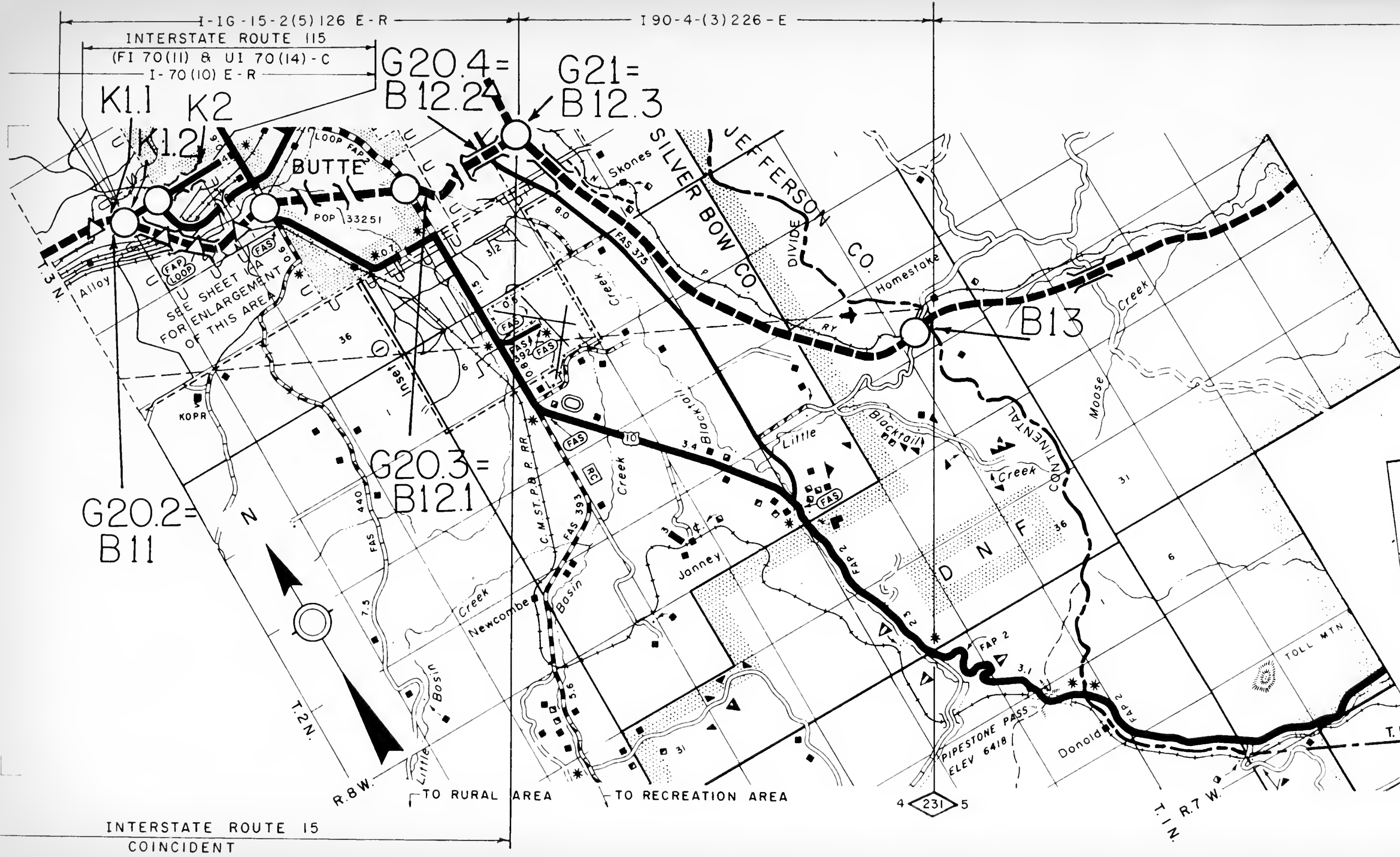


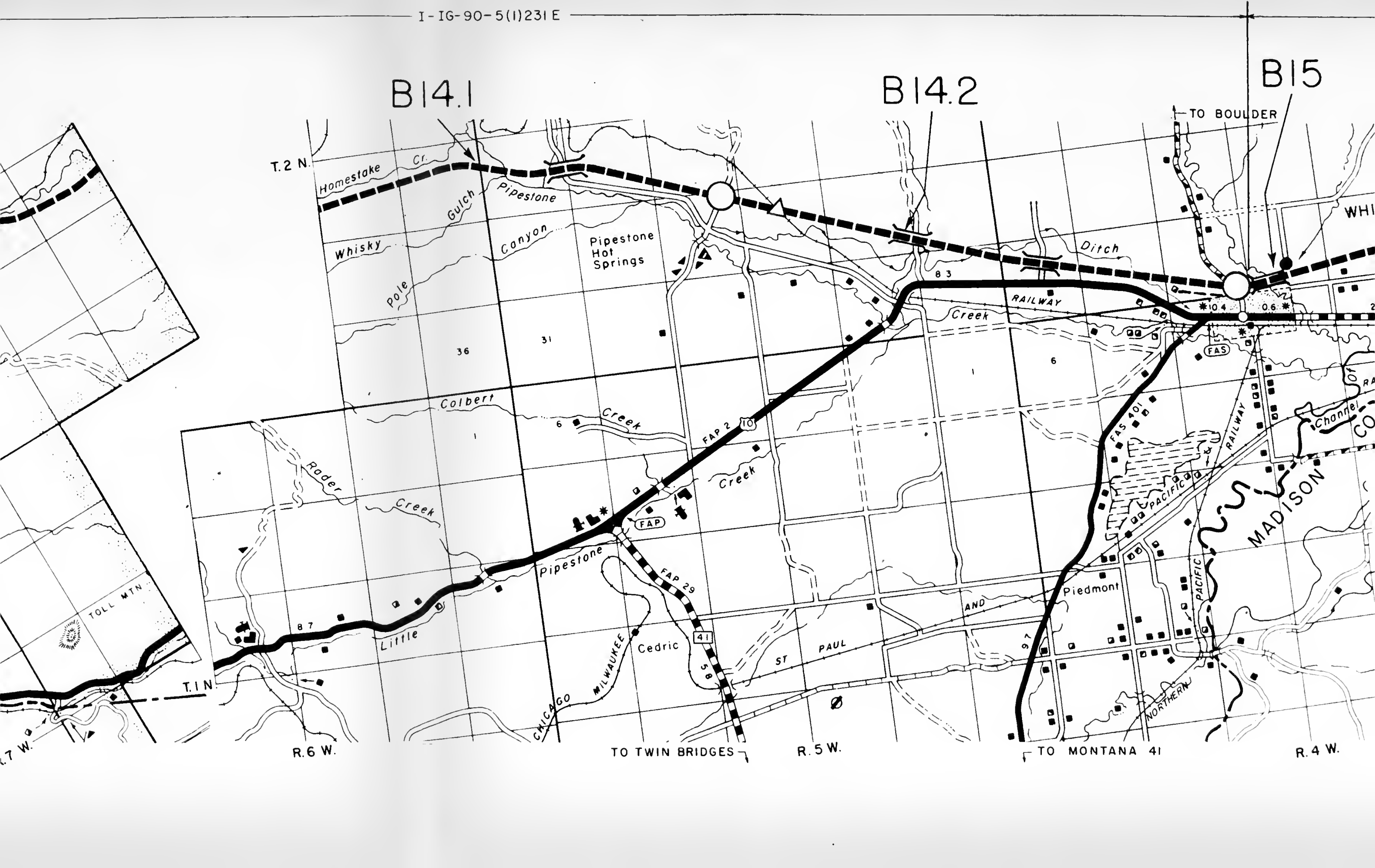
MONTANA

INTERSTATE ROUTE 90 (101)

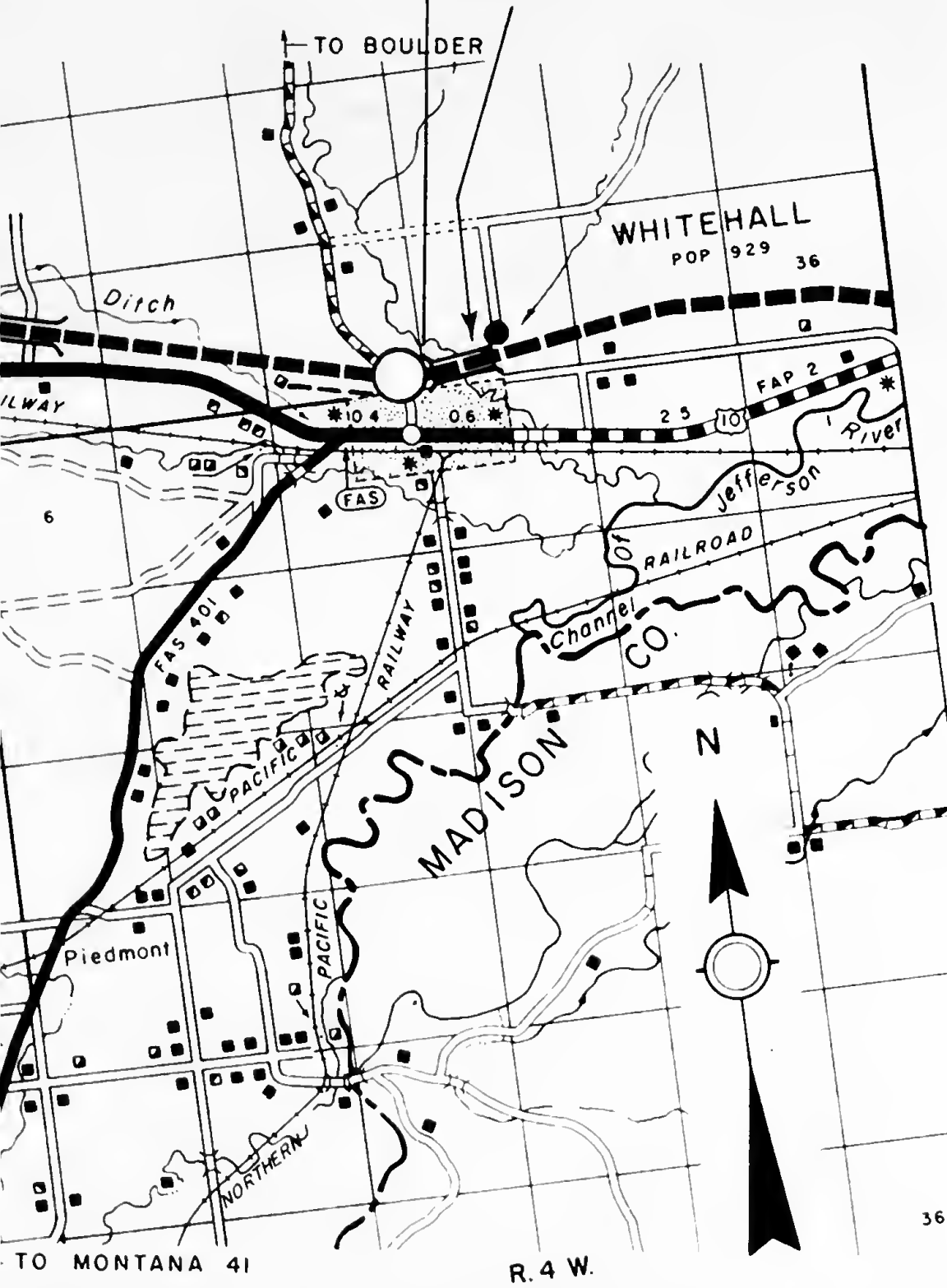
Sheet 4 of 11

Date January 1, 1960

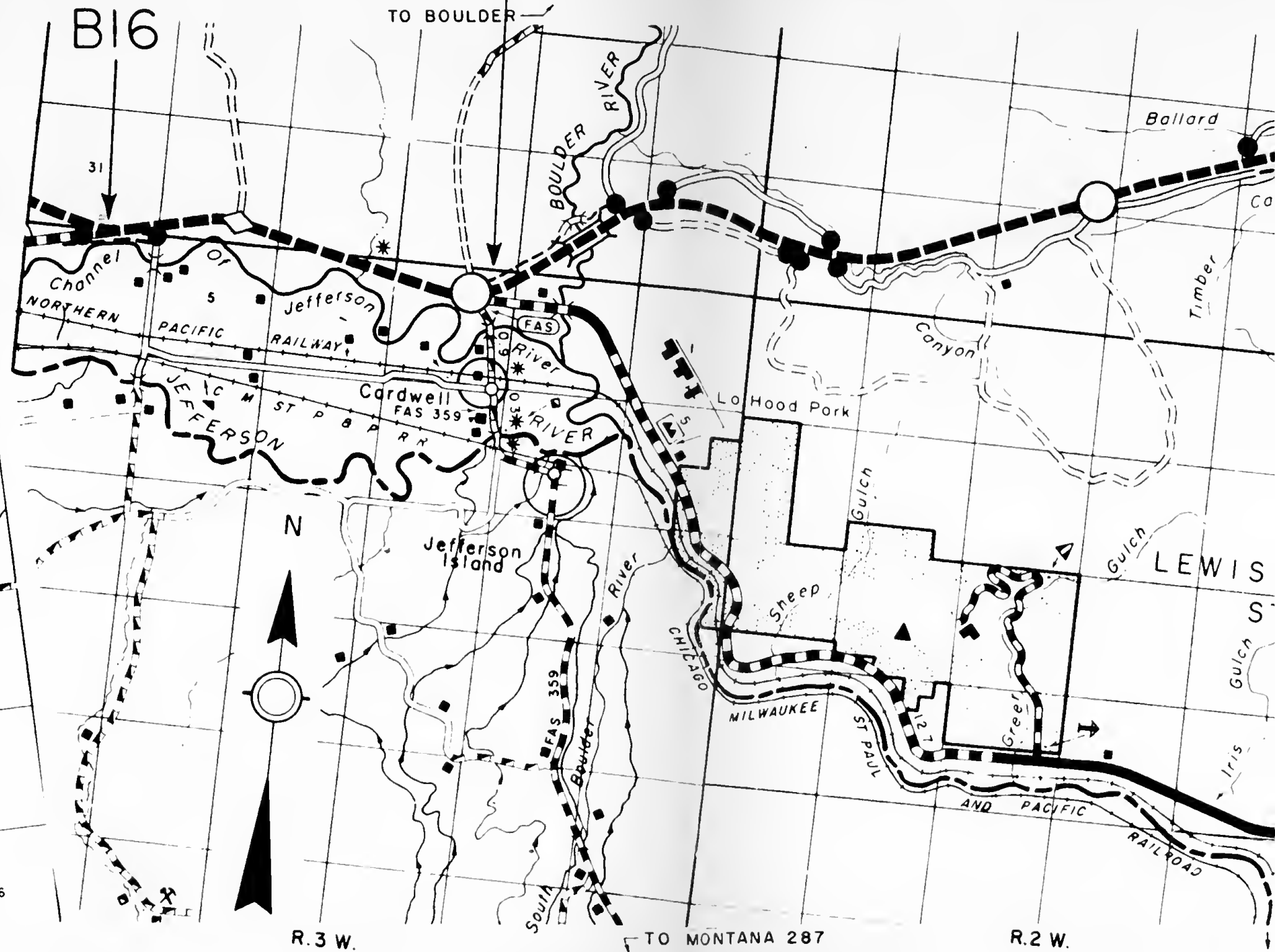


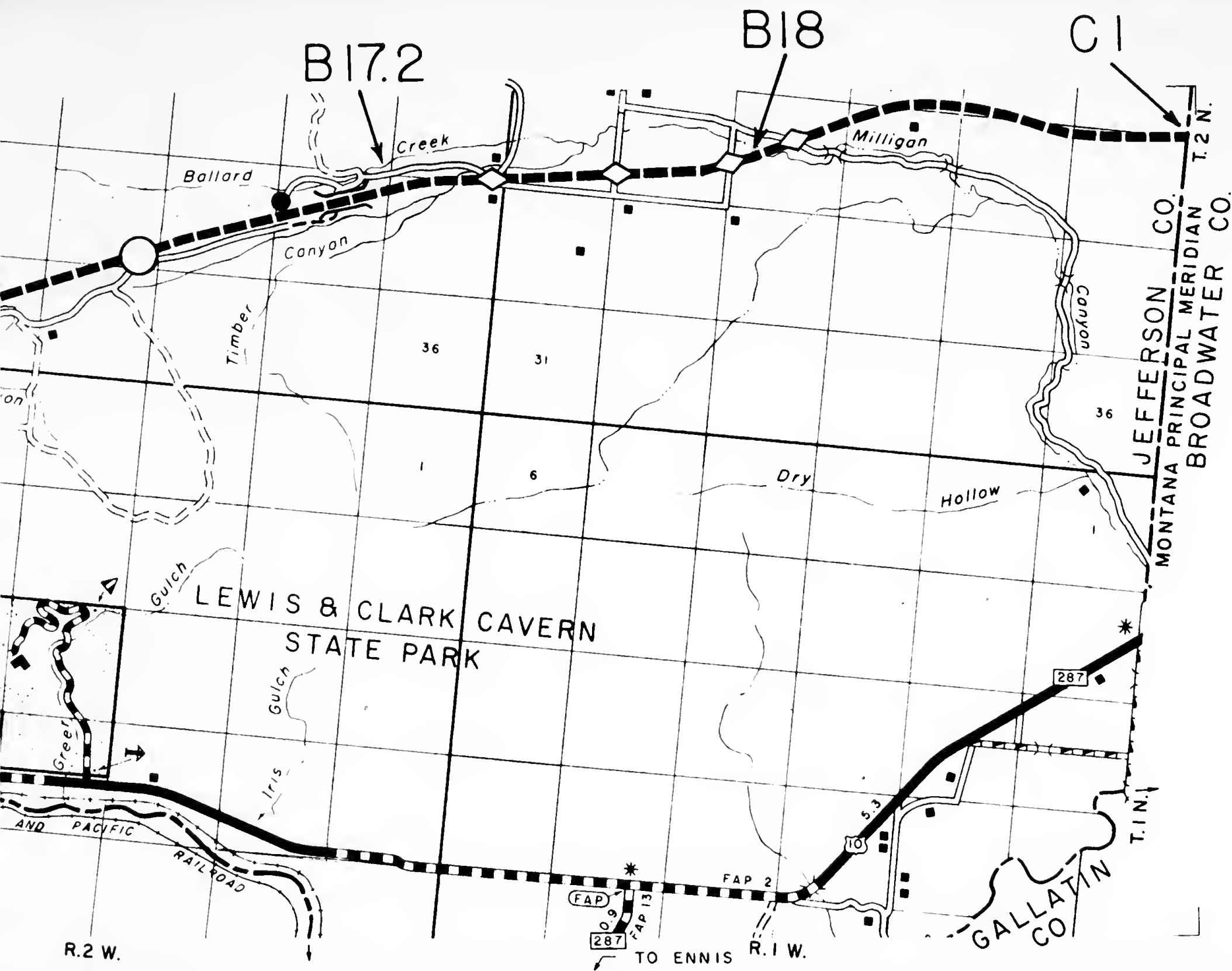


B15



B17.1





LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

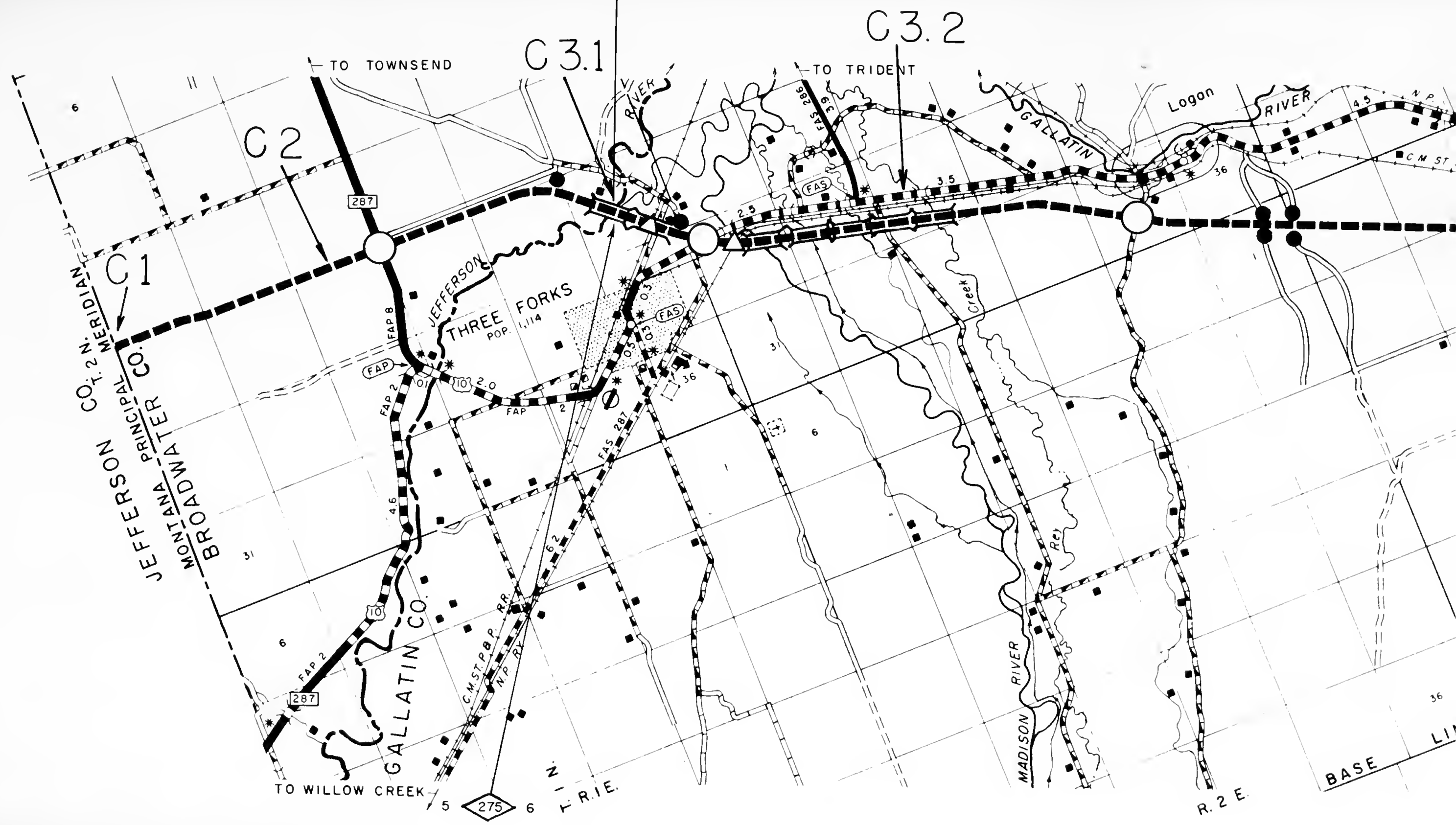
SCALE IN MILES
0 1 2 3 4

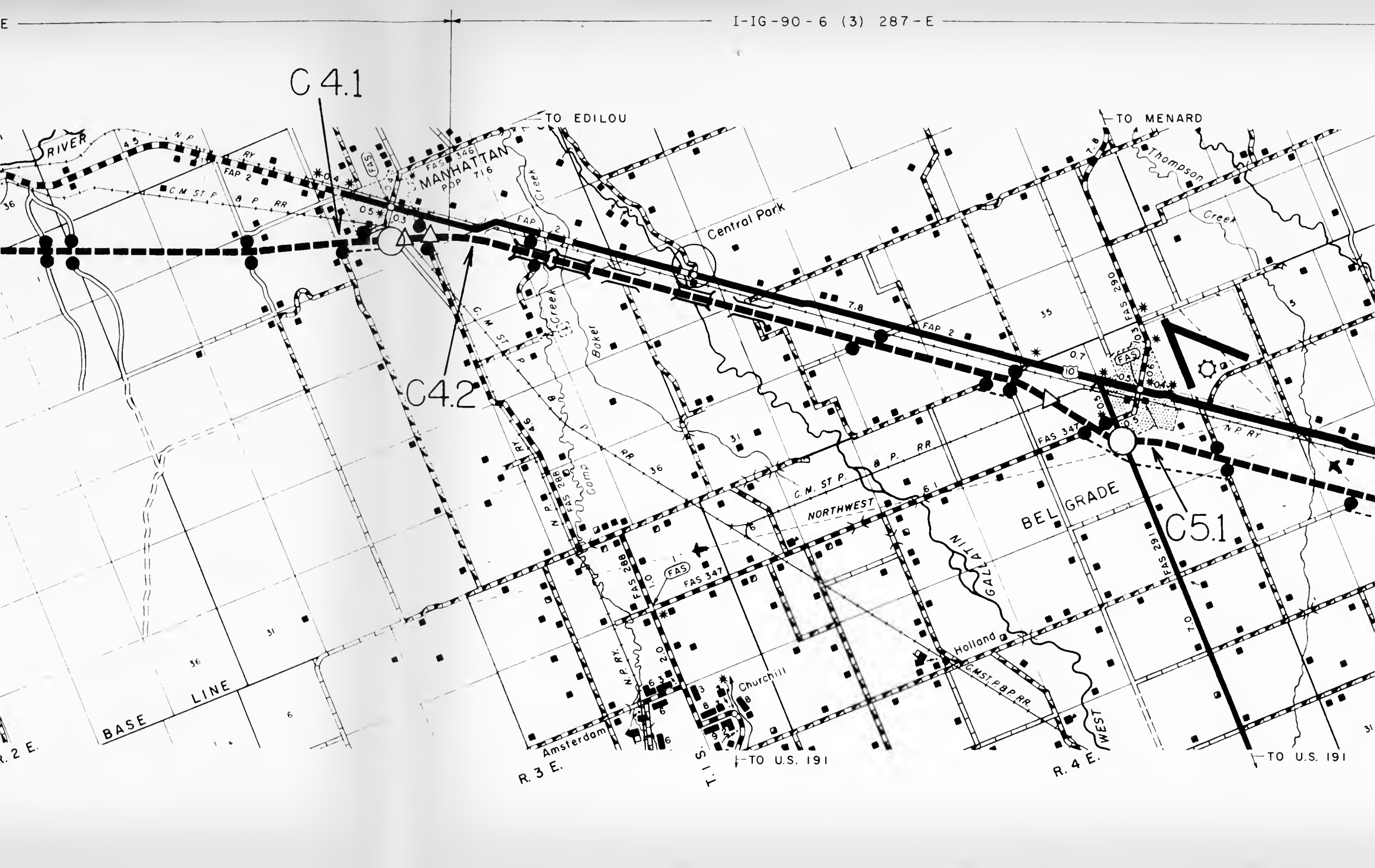
MONTANA

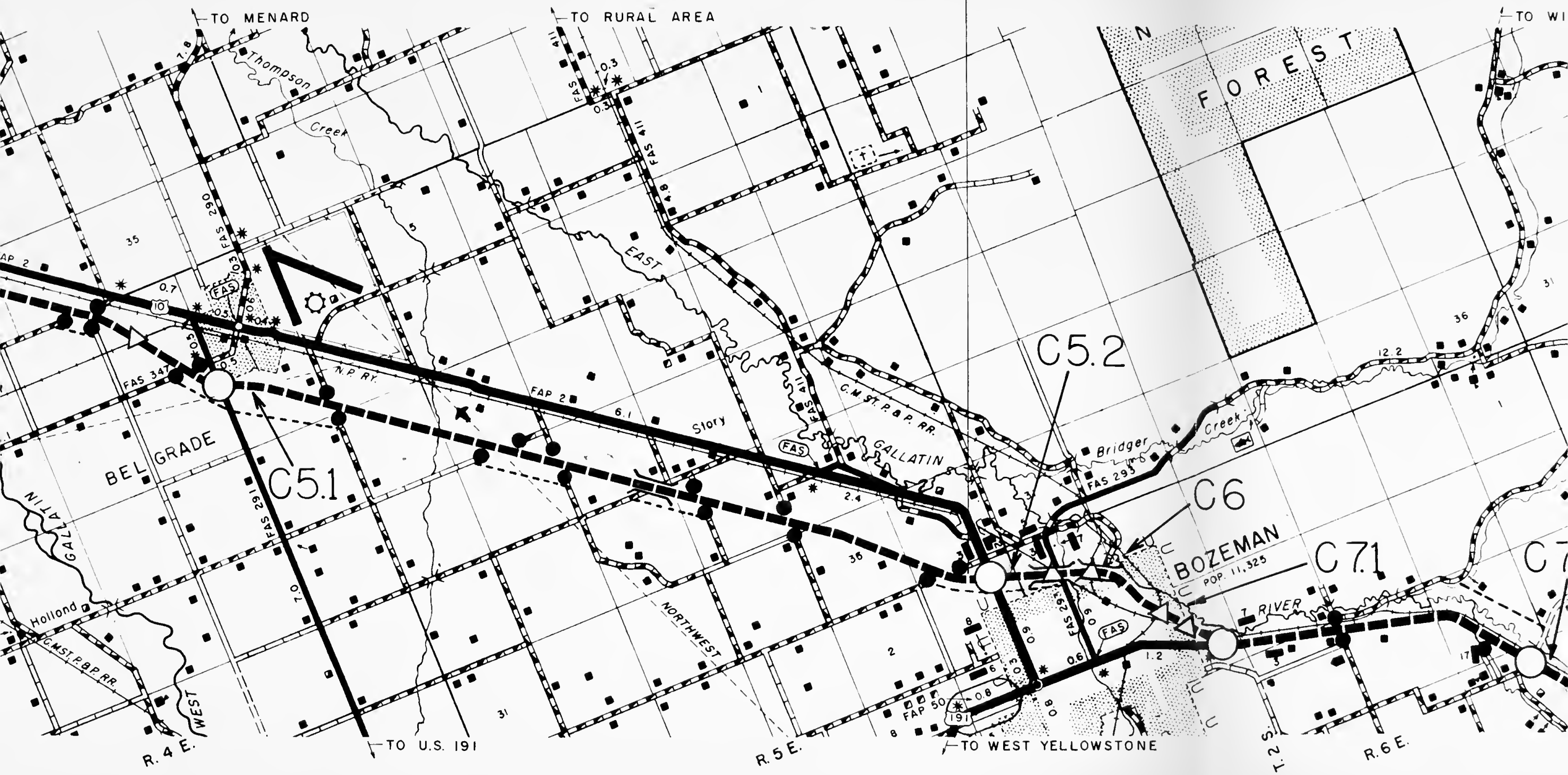
INTERSTATE ROUTE 90 (IOI)

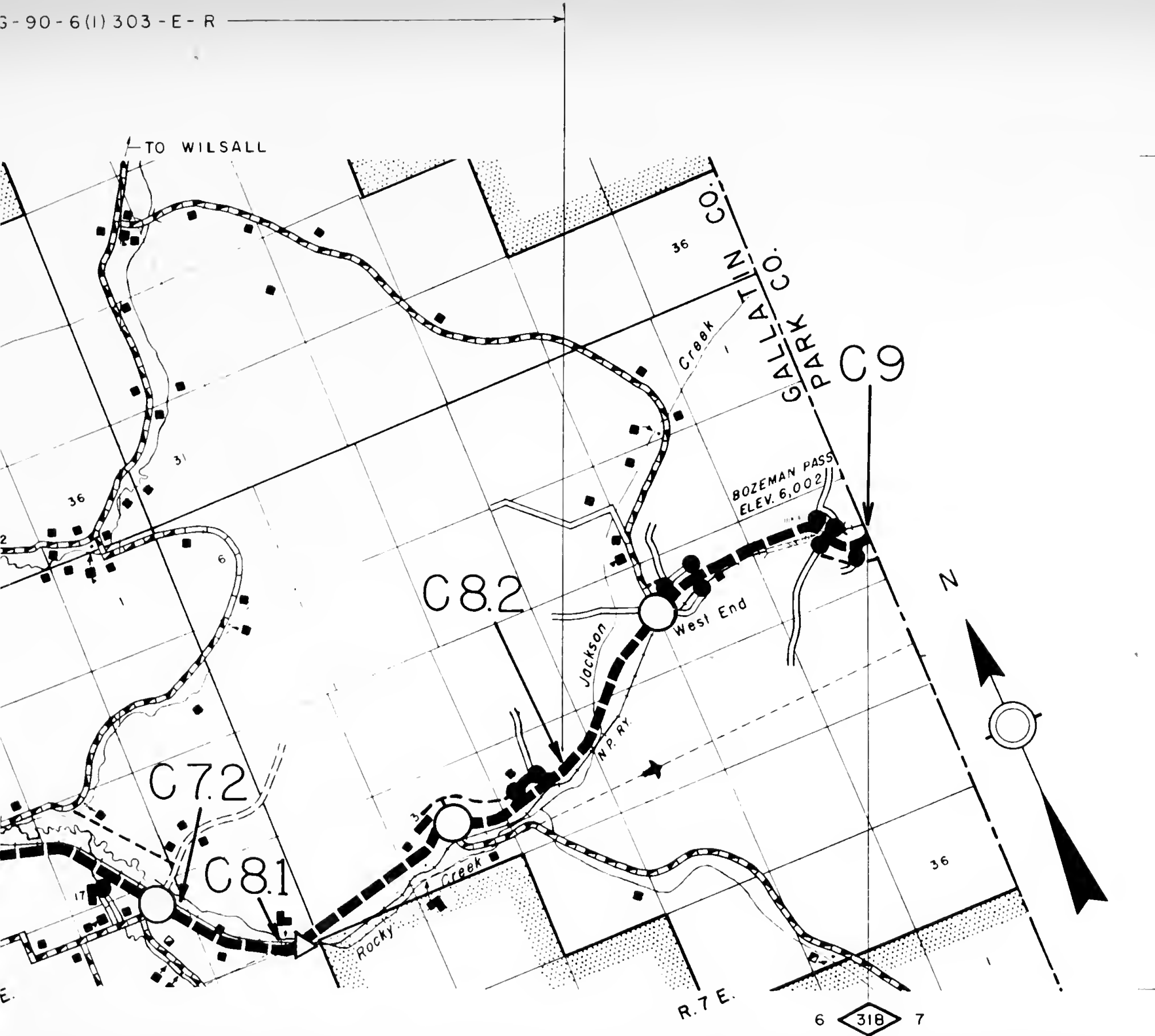
Sheet 5 of 11

Date January 1, 1960







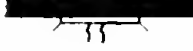

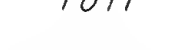

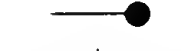

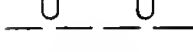
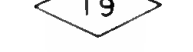





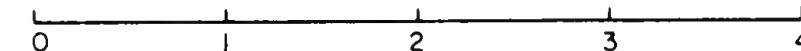




LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4-5
-  INTERSTATE LOCATION STEP 1-2-3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS

SCALE IN MILES

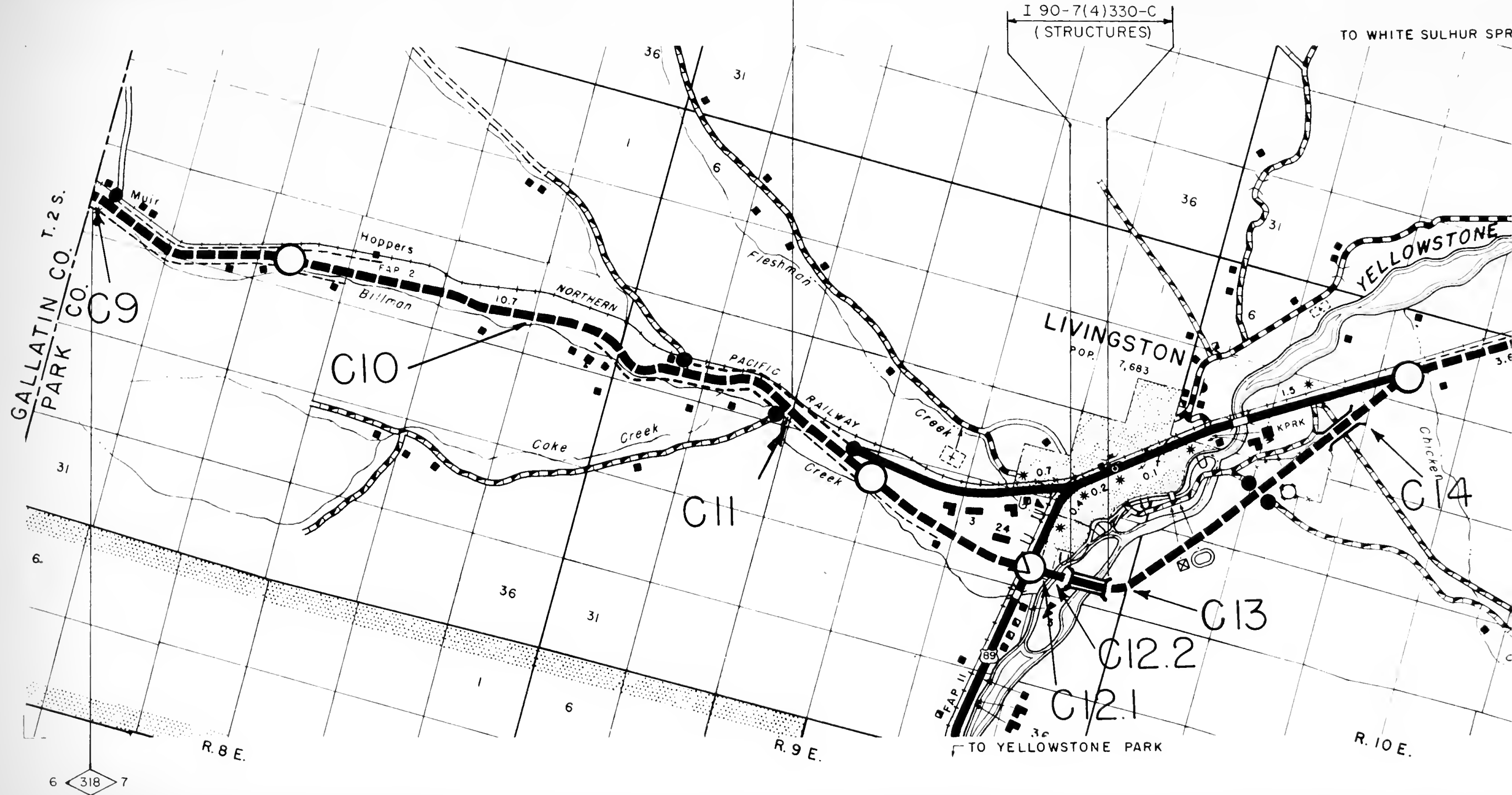


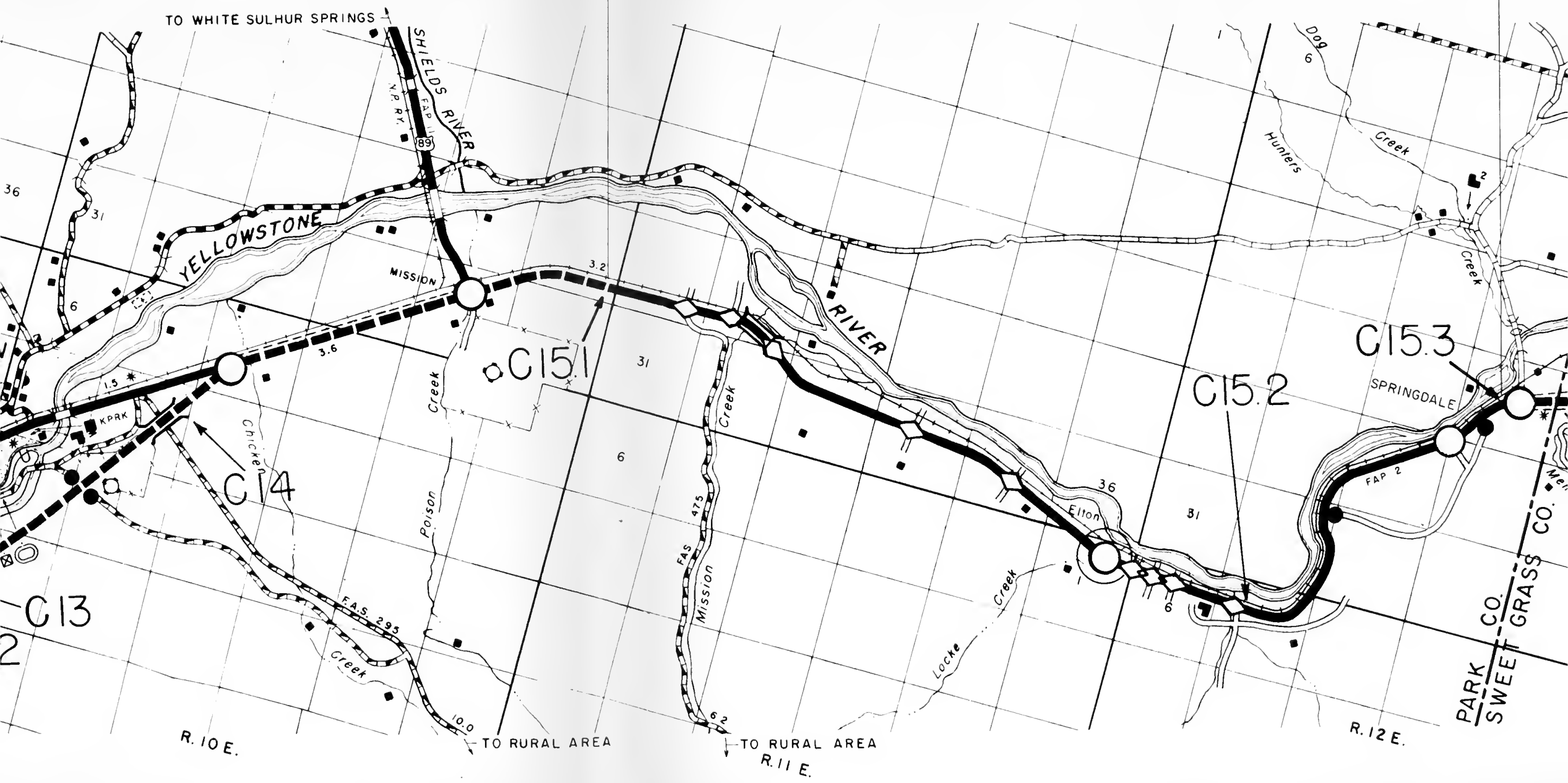
MONTANA

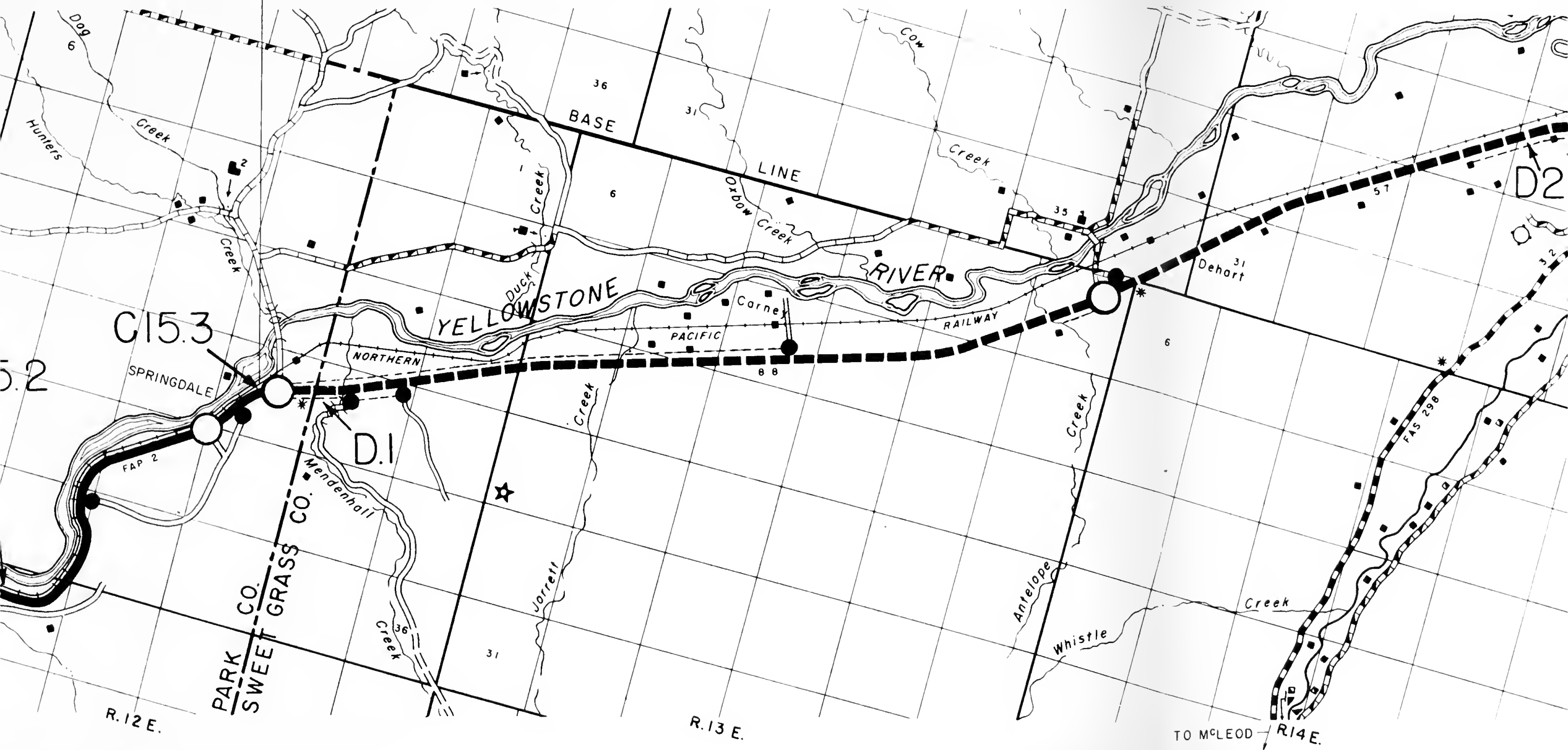
INTERSTATE ROUTE 90 (101)

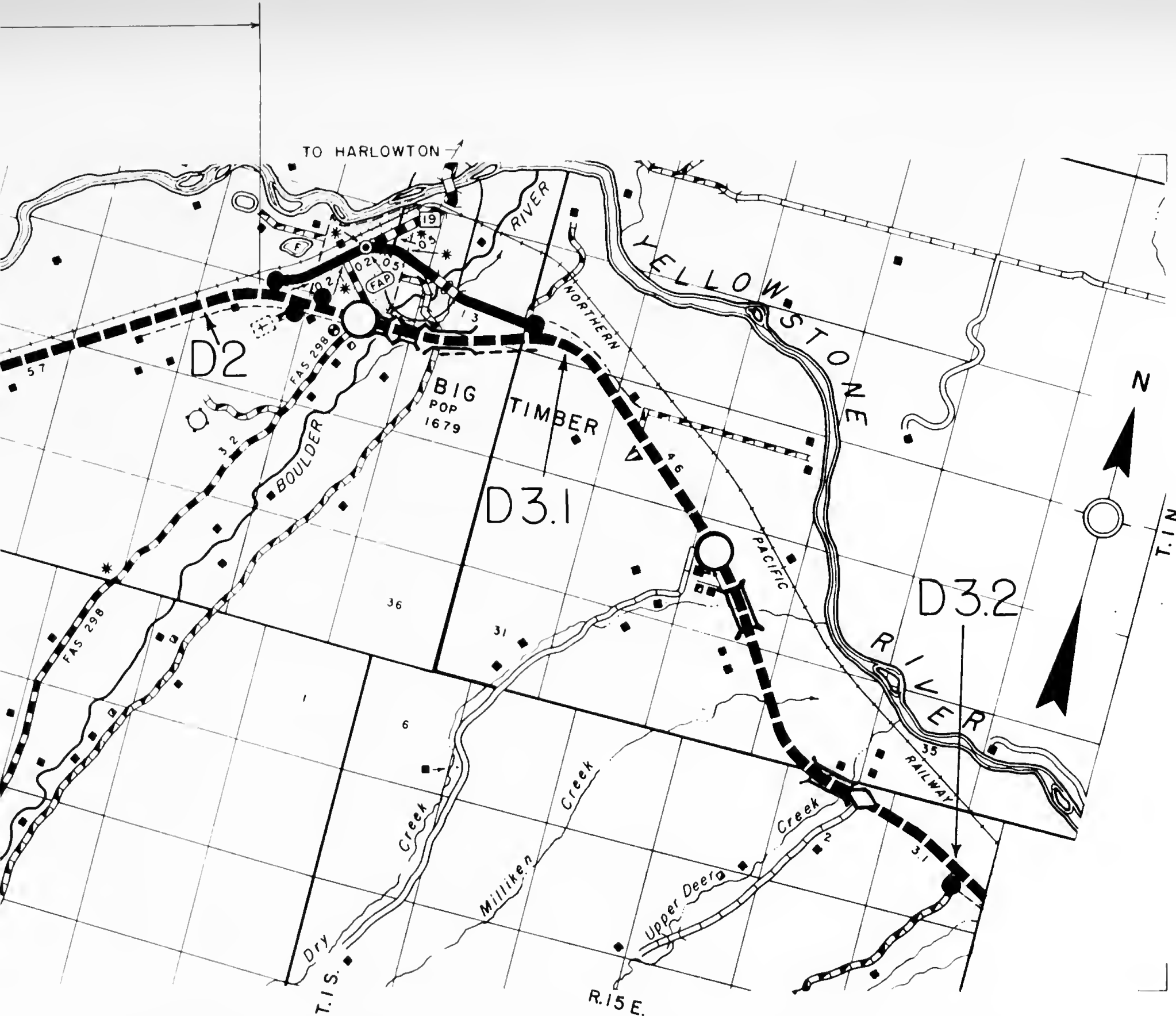
Sheet 6 of 11

Date January 1, 1960



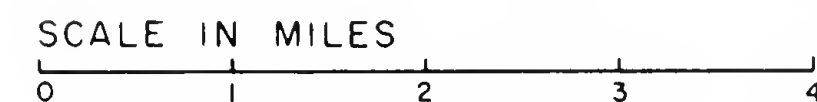






LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

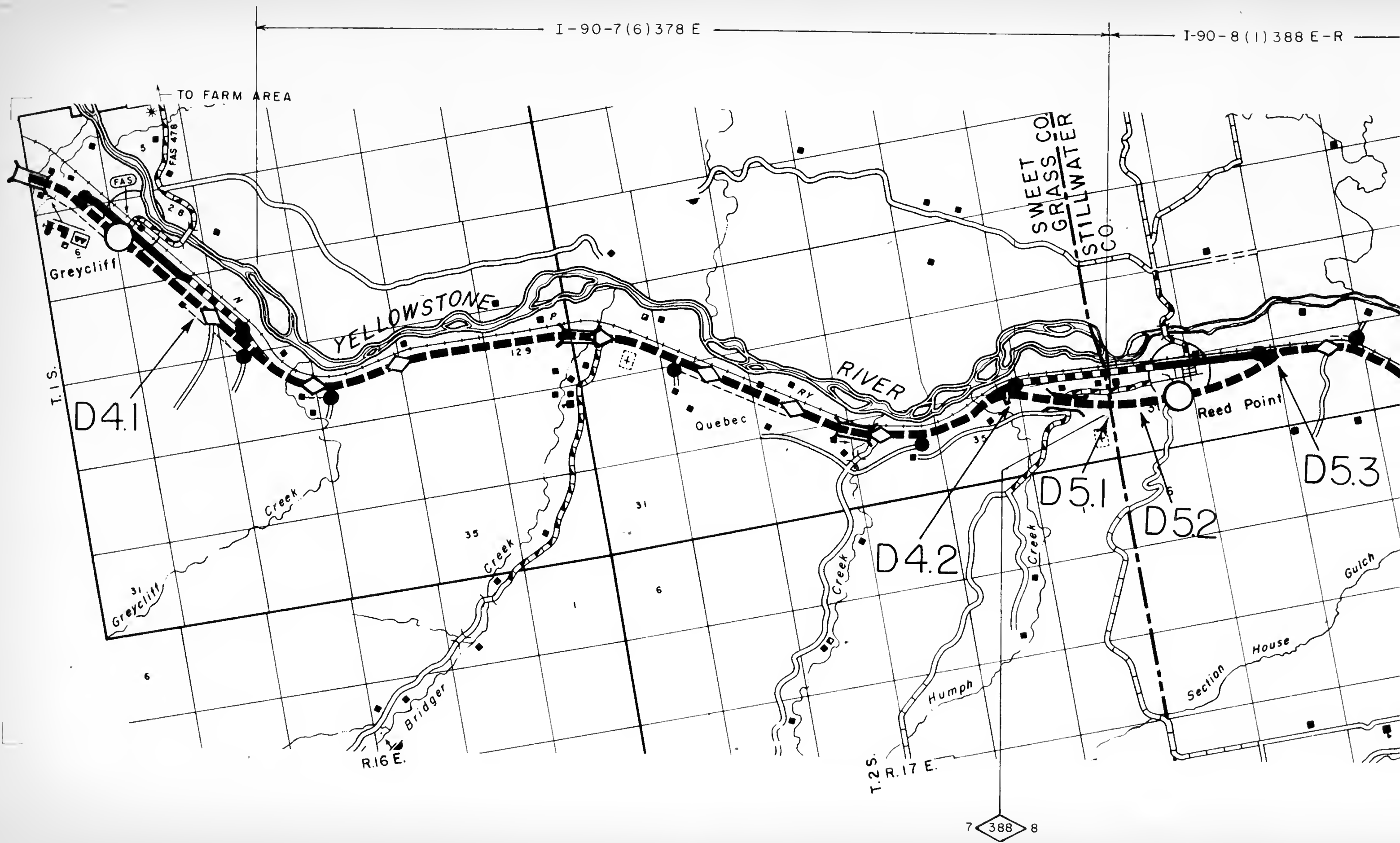


MONTANA

INTERSTATE ROUTE 90 (IOI)

Sheet 7 of 11

Date January 1, 1960



I-90-7(6)378 E

I-90-8(1)388 E-R

TO FARM AREA

Greycliff

YELLOWSTONE

RIVER

SWEET CO
GRASS CO
STILLWATER CO.

Quebec

Reed Point

D4.1

D5.3

D5.1

D5.2

D4.2

31
Greycliff

35
Creek

Creek

Creek

Section House

Gulch

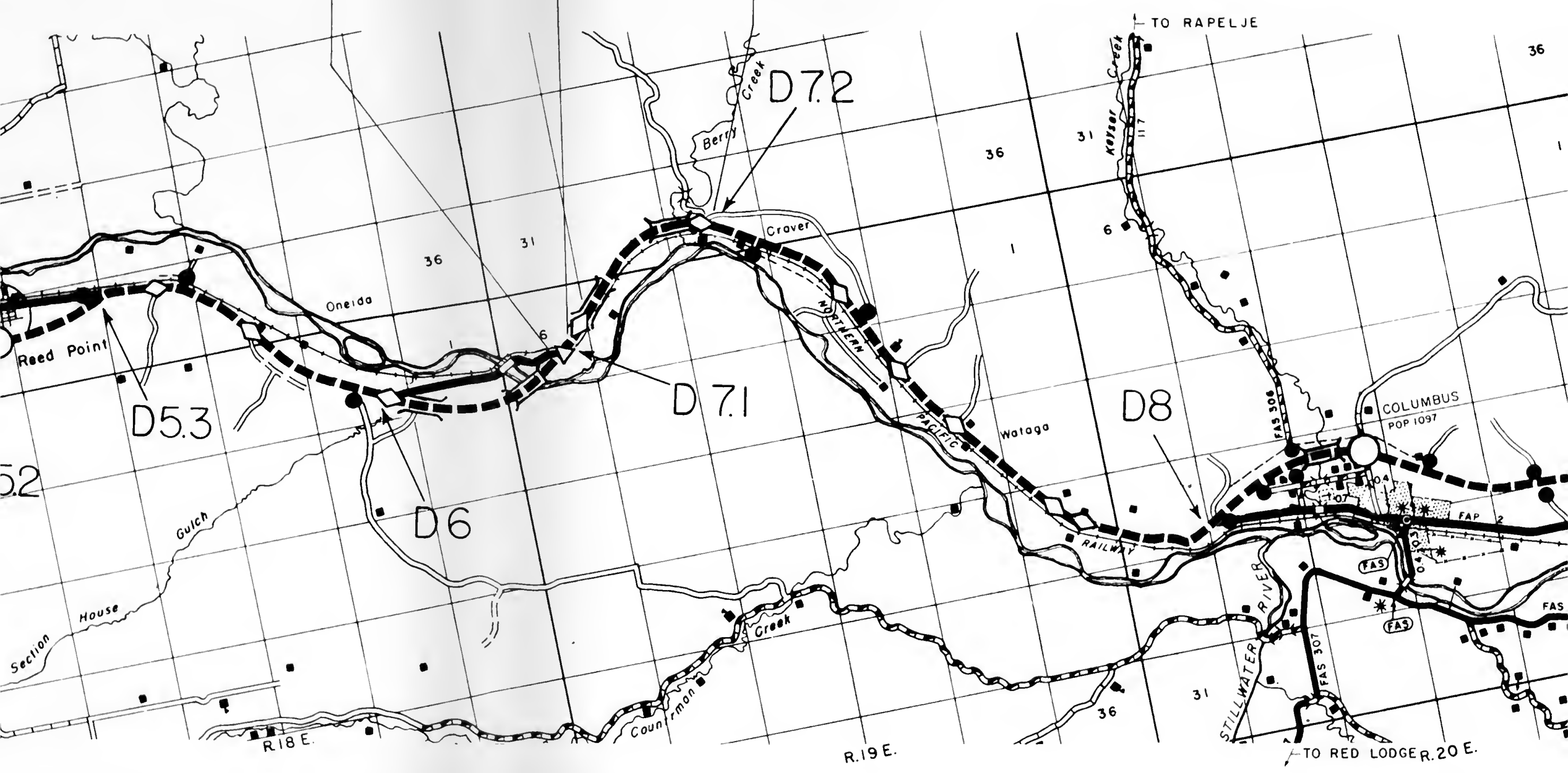
Bridger

R.16 E.

T.2 S.
R.17 E.

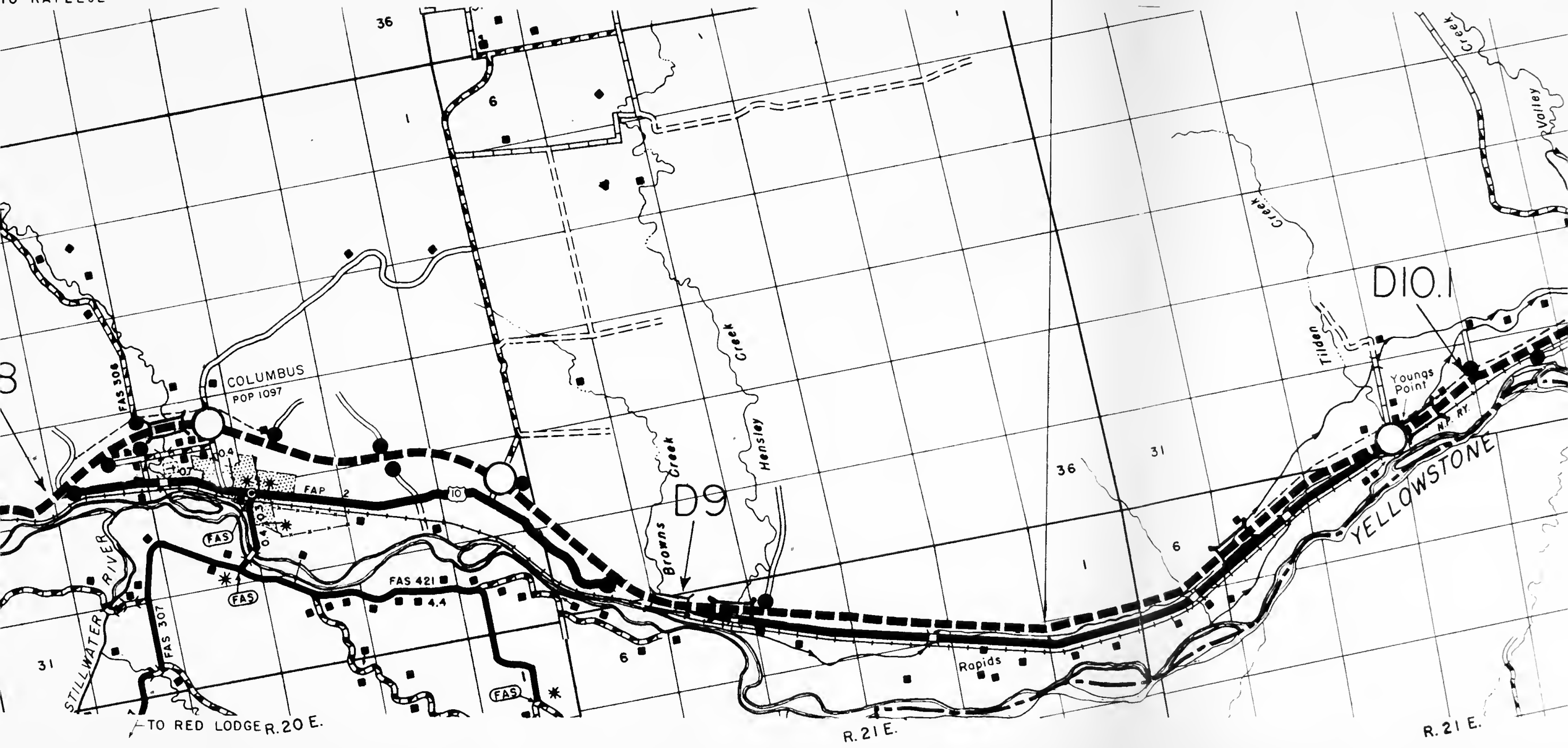
7 388 8

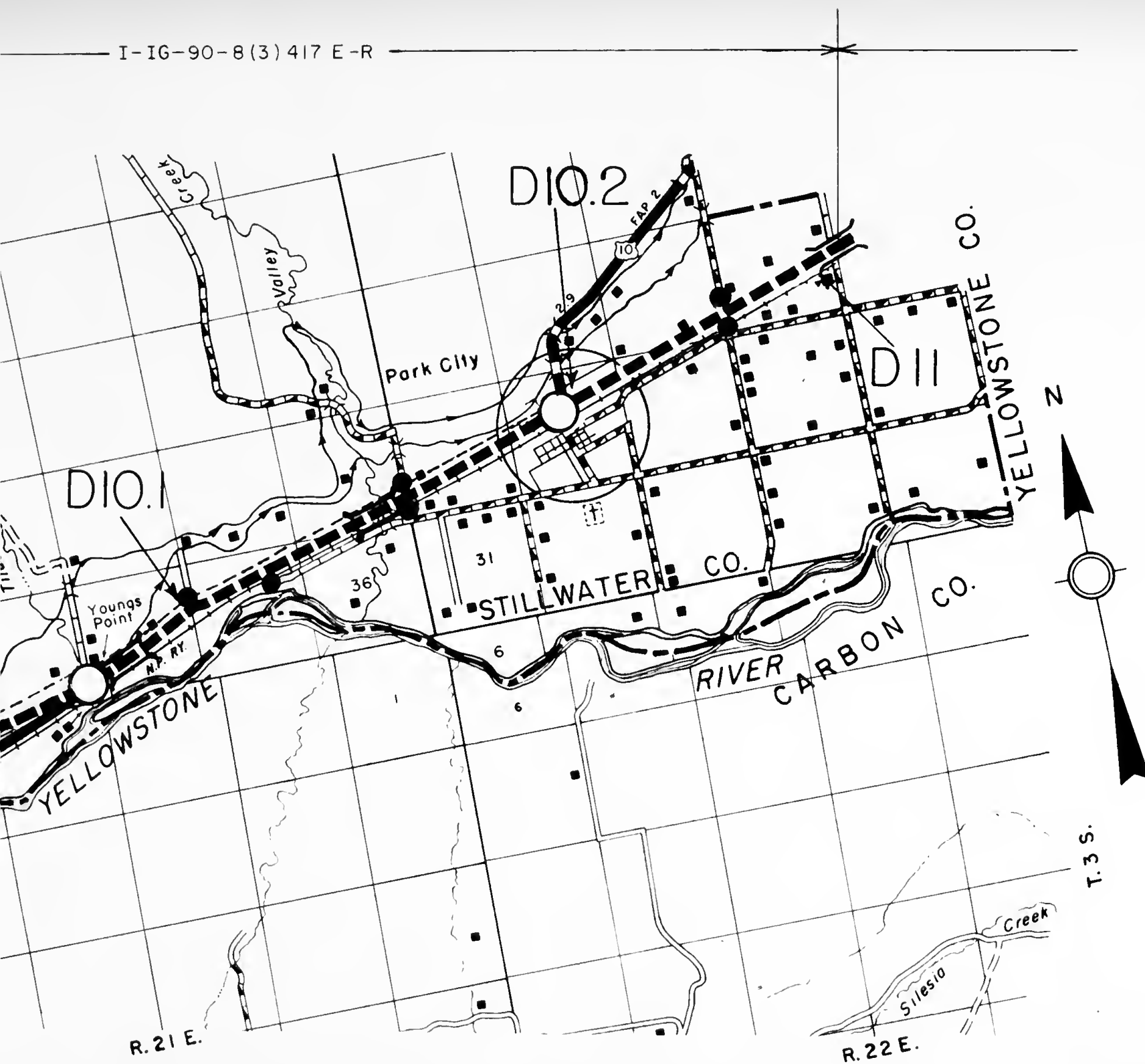
I-90-8 (1) 388 E-R I-ING-90-8(2) 395 E-R I-90-8 (1) 388 E-R



TO RAPELJE

I-IG-90-8(3) 41

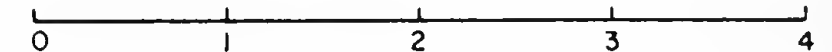




LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES



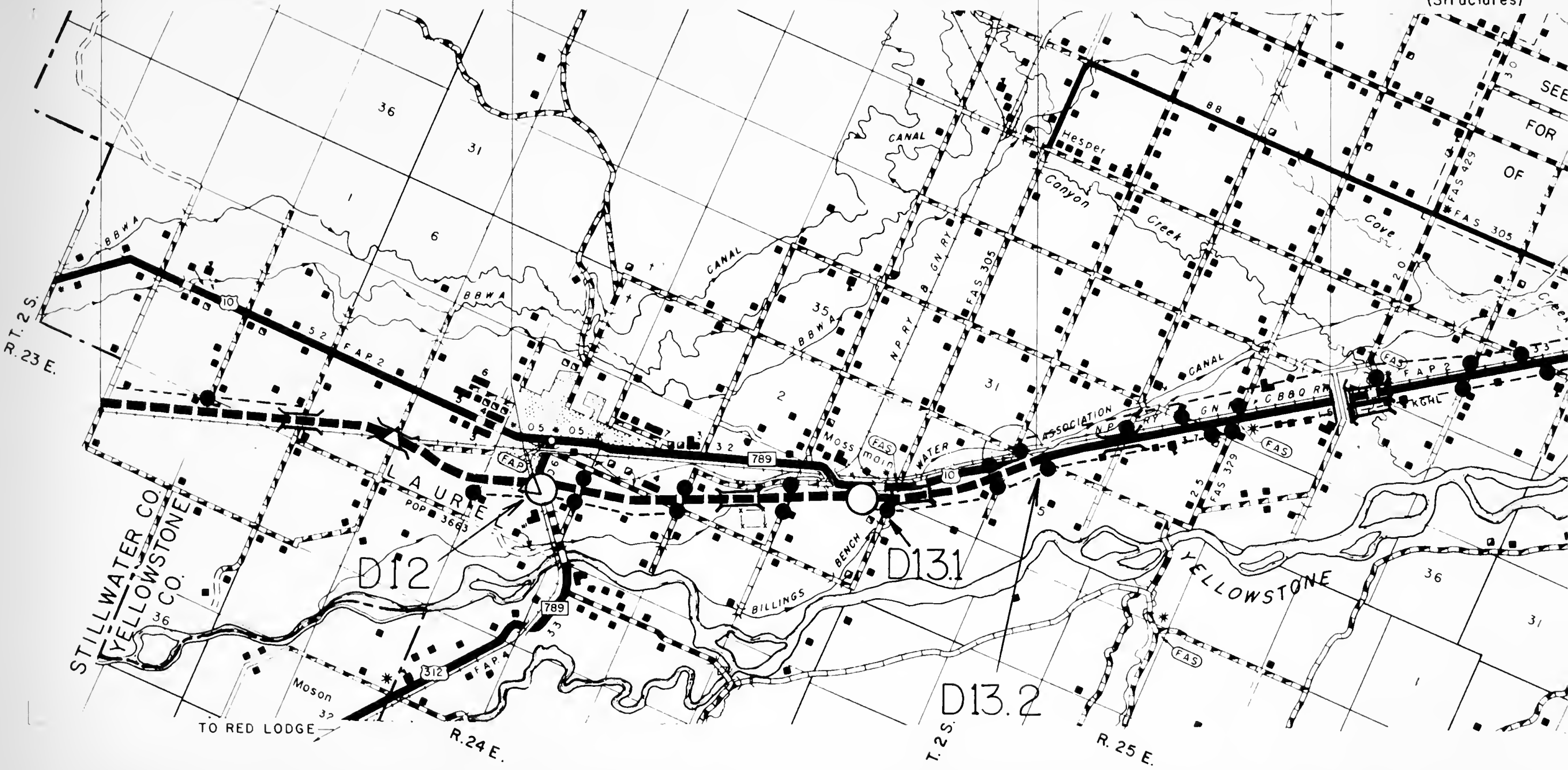
MONTANA

INTERSTATE ROUTE 90 (101)

Sheet 8 of 11

Date January 1, 1960

I 90-8 (8) 438 -UI-C (Roadway & Structure)
I 90-8 (8) 438 U2-C (Fencing)
I-ING 90-8 (6) 441
(Structures)



D12

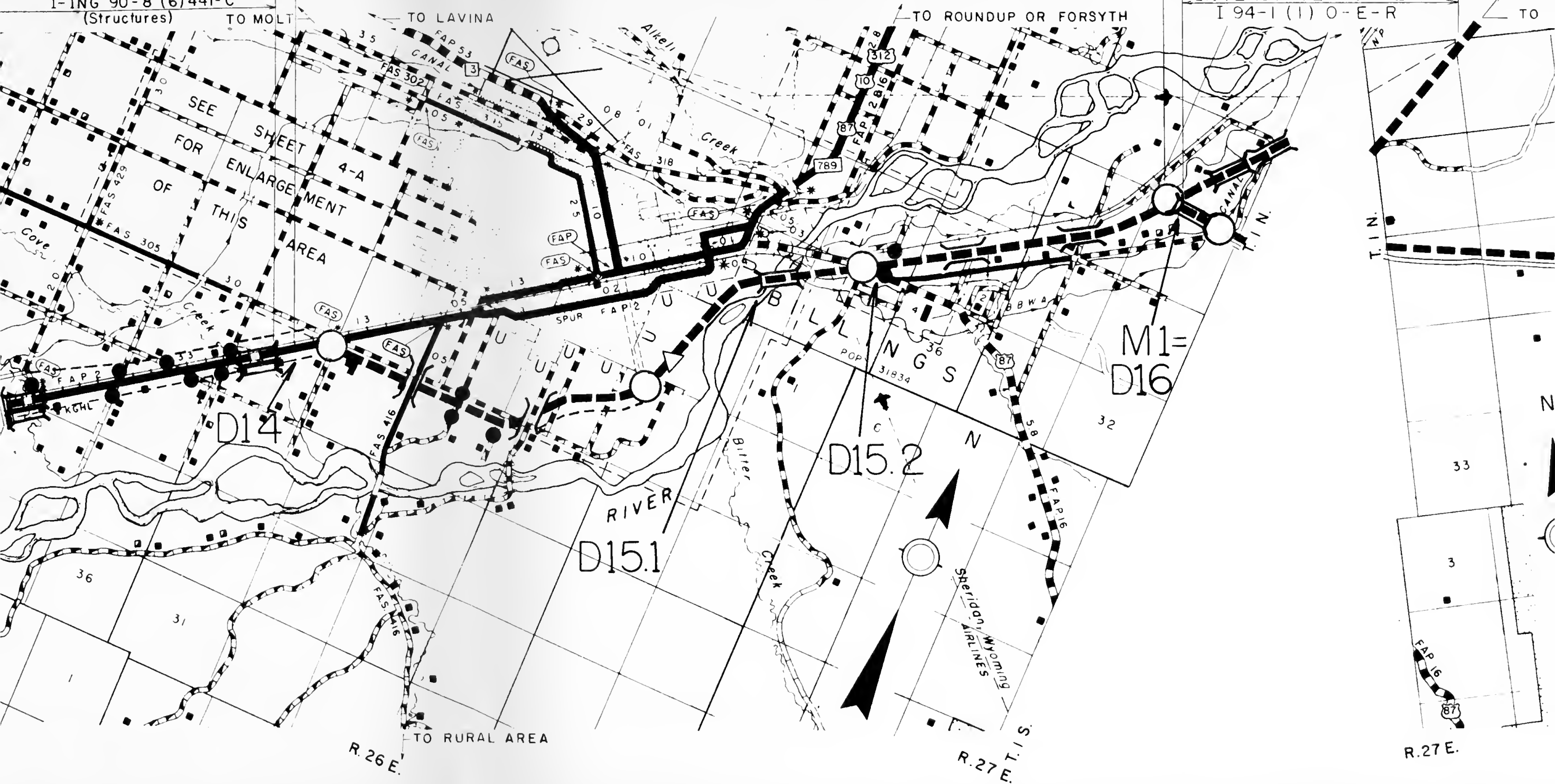
D13.1

D13.2

STILLWATER CO.
YELLOWSTONE CO.

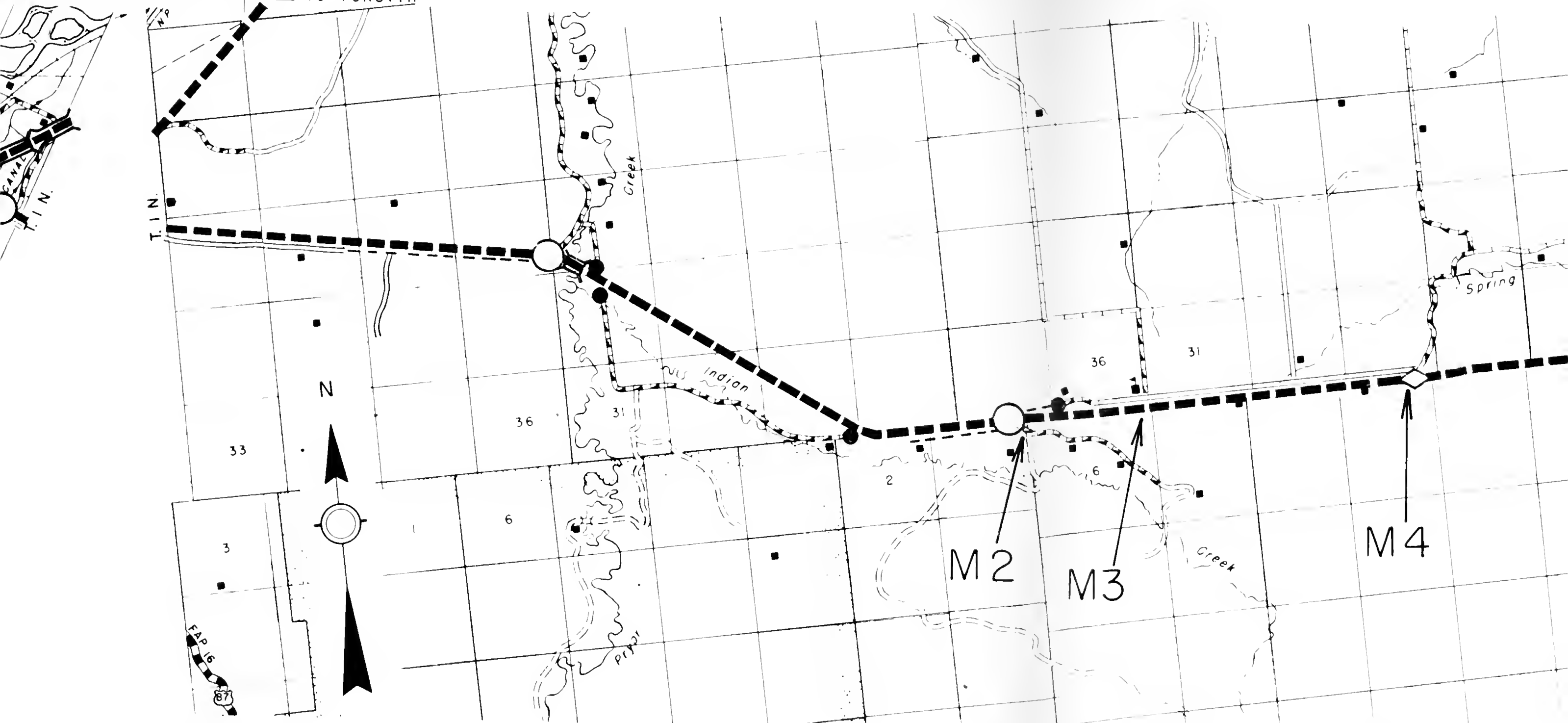
TO RED LODGE

YELLOWSTONE



INTERSTATE ROUTE 94
I 94-1 (1) O-E-R

TO FORSYTH













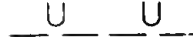
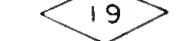
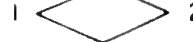


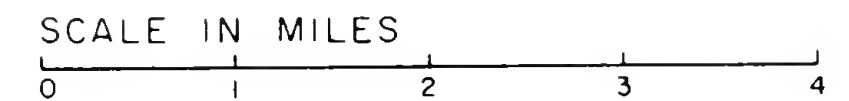
R. 27 E.

R. 28 E.

R. 29 E.

LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4-5
-  INTERSTATE LOCATION STEP 1-2-3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS

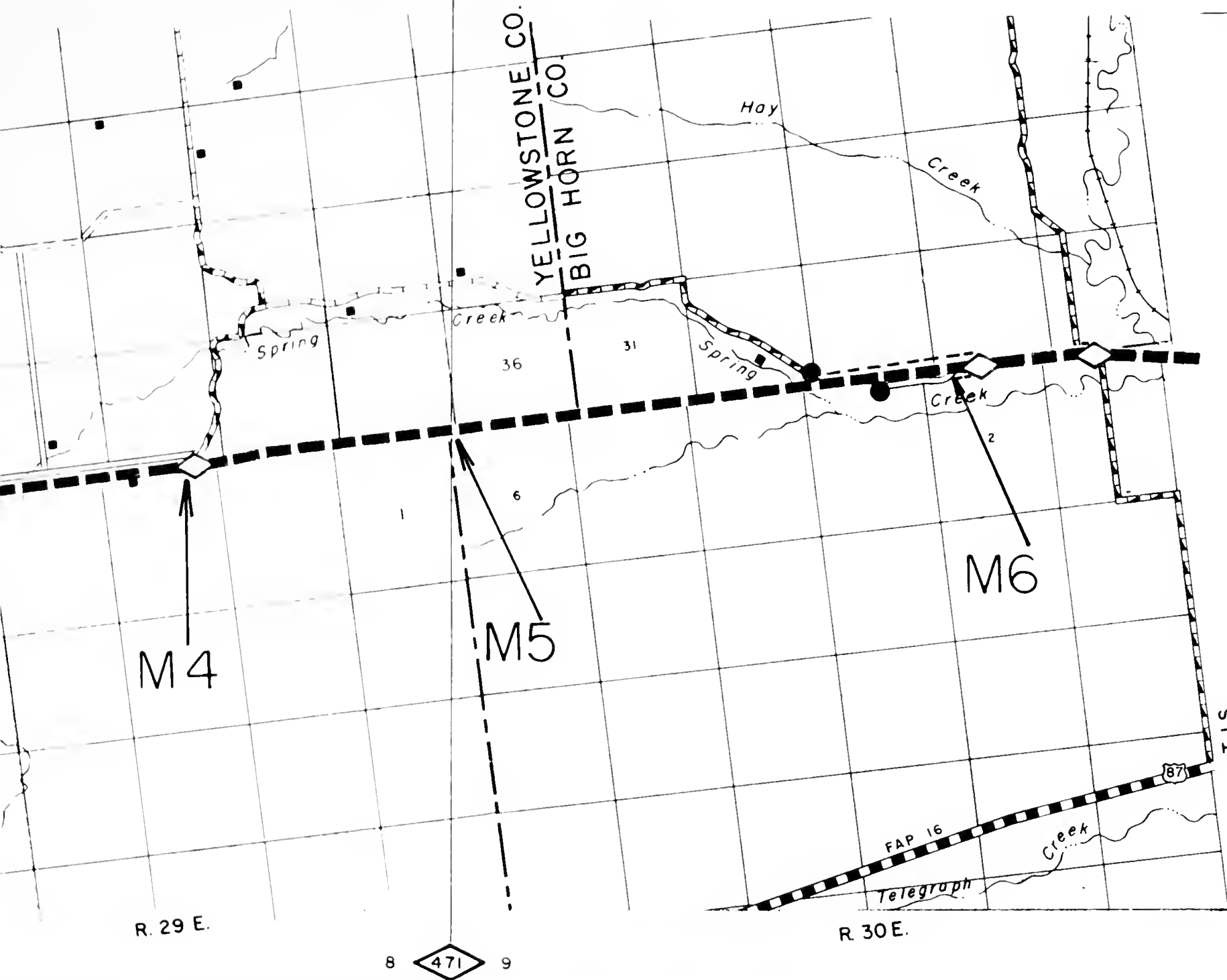


MONTANA

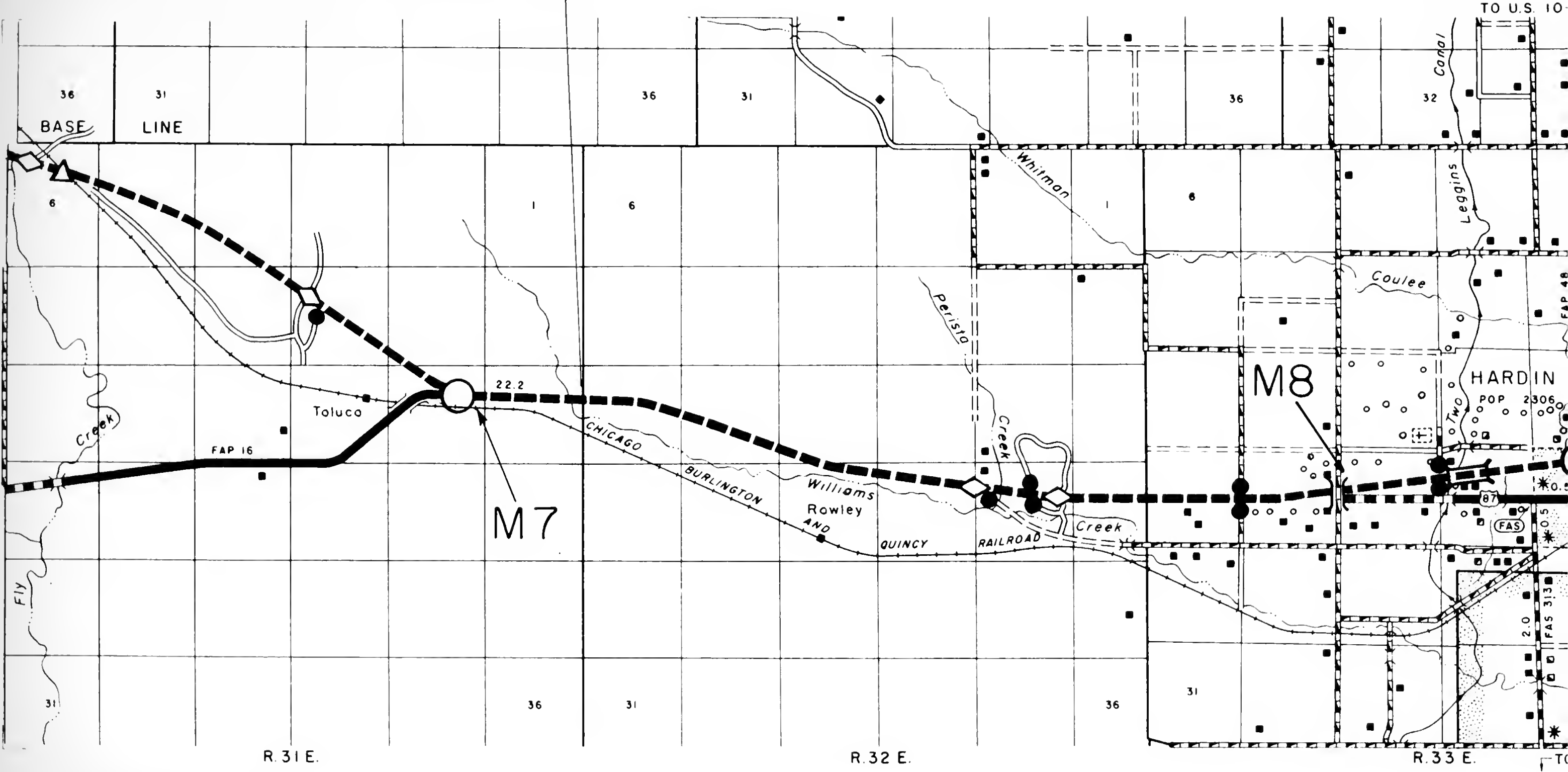
INTERSTATE ROUTE 90 (101) (103)

Sheet 9 of 11

Date January 1, 1960



1-16-90-9(8) 471-E

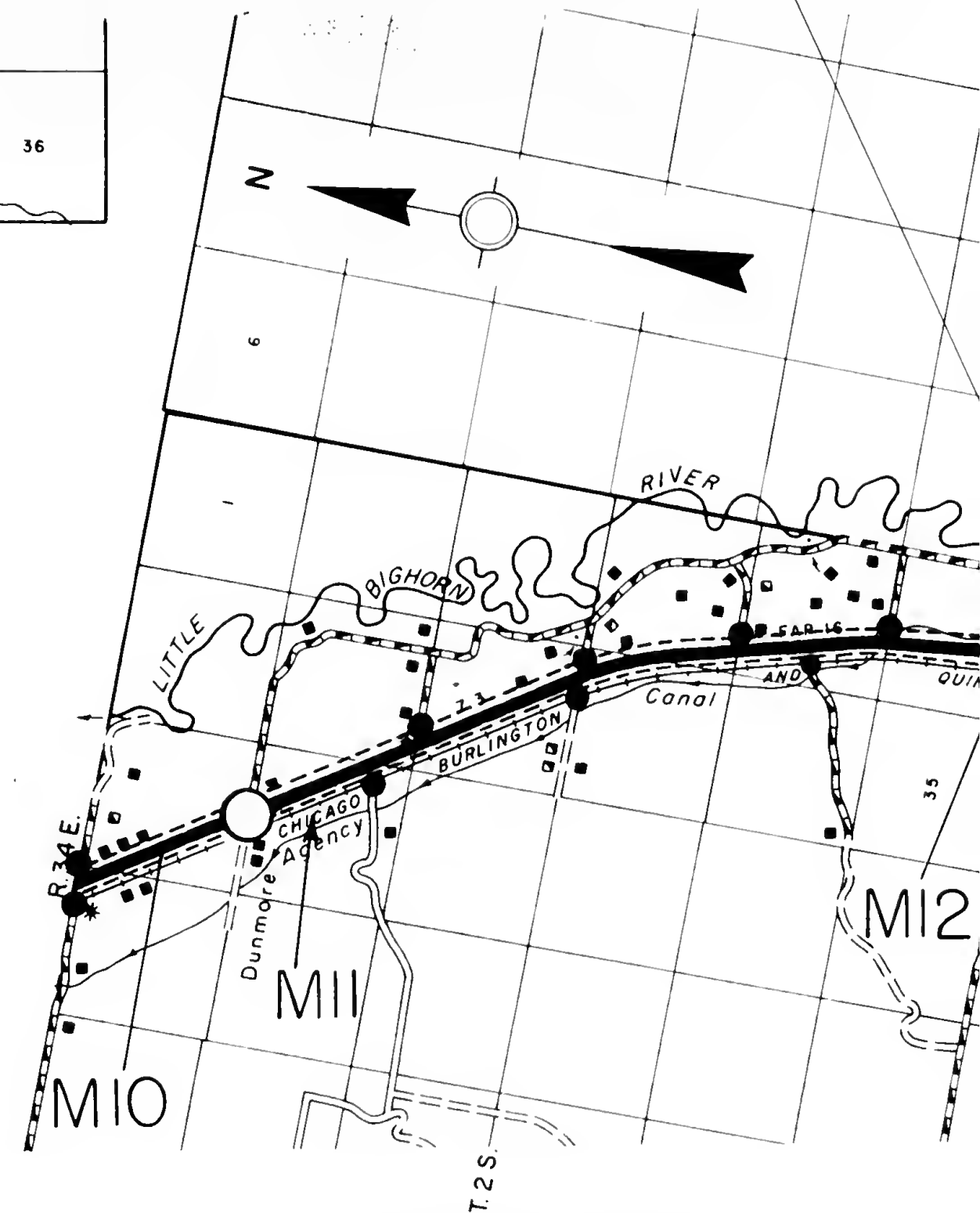
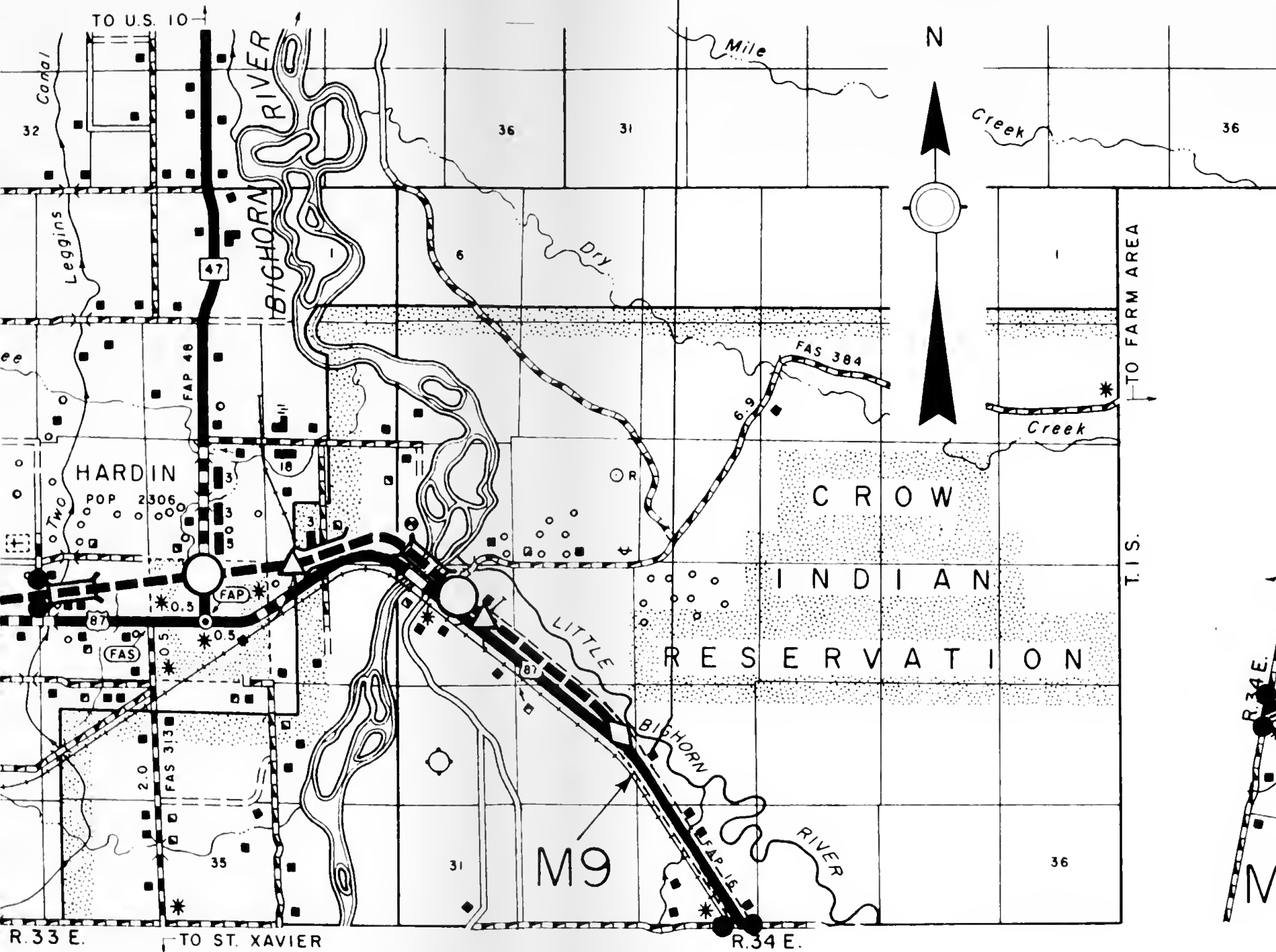


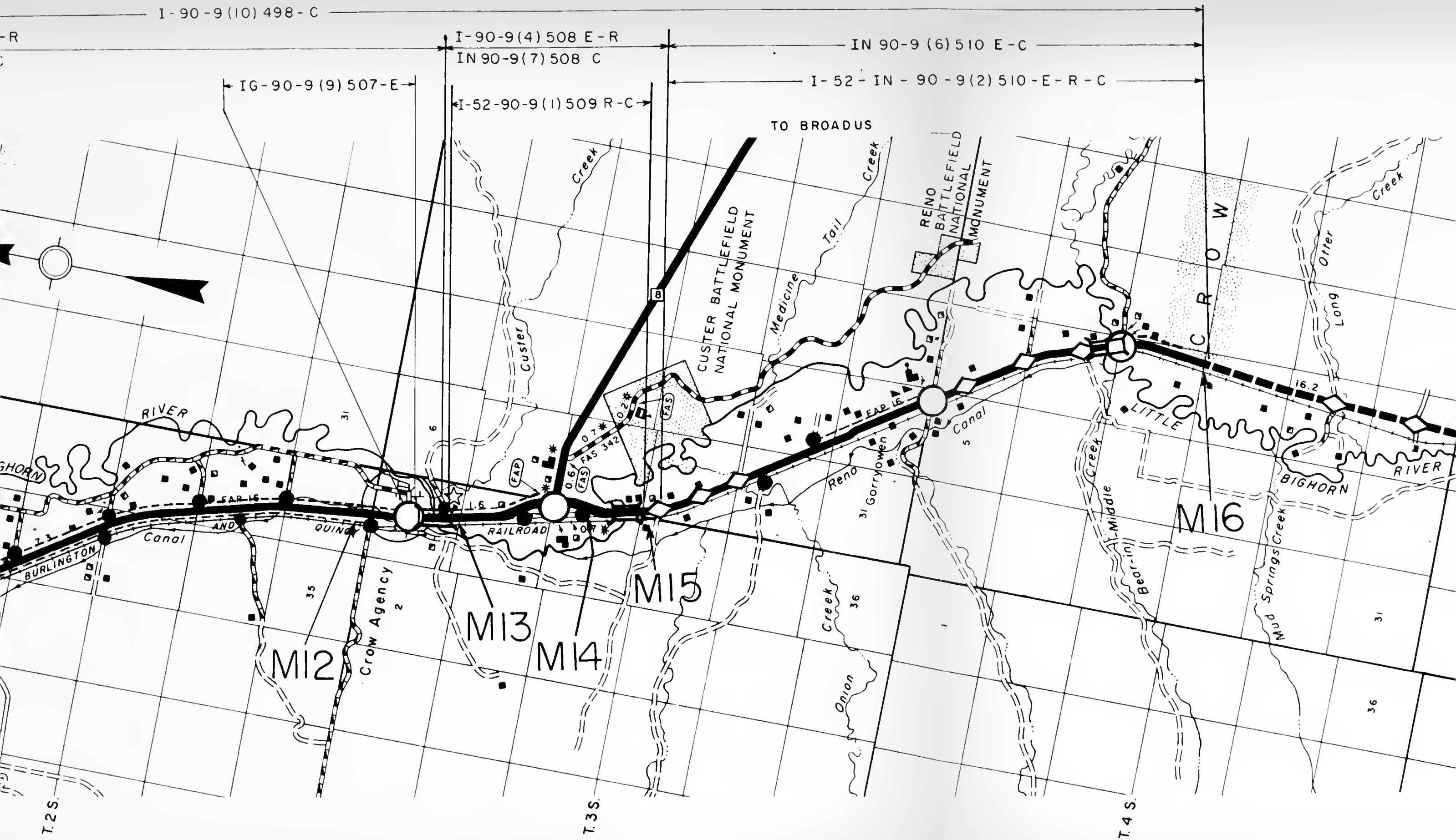
IN 90-9 (3) 498 E-R

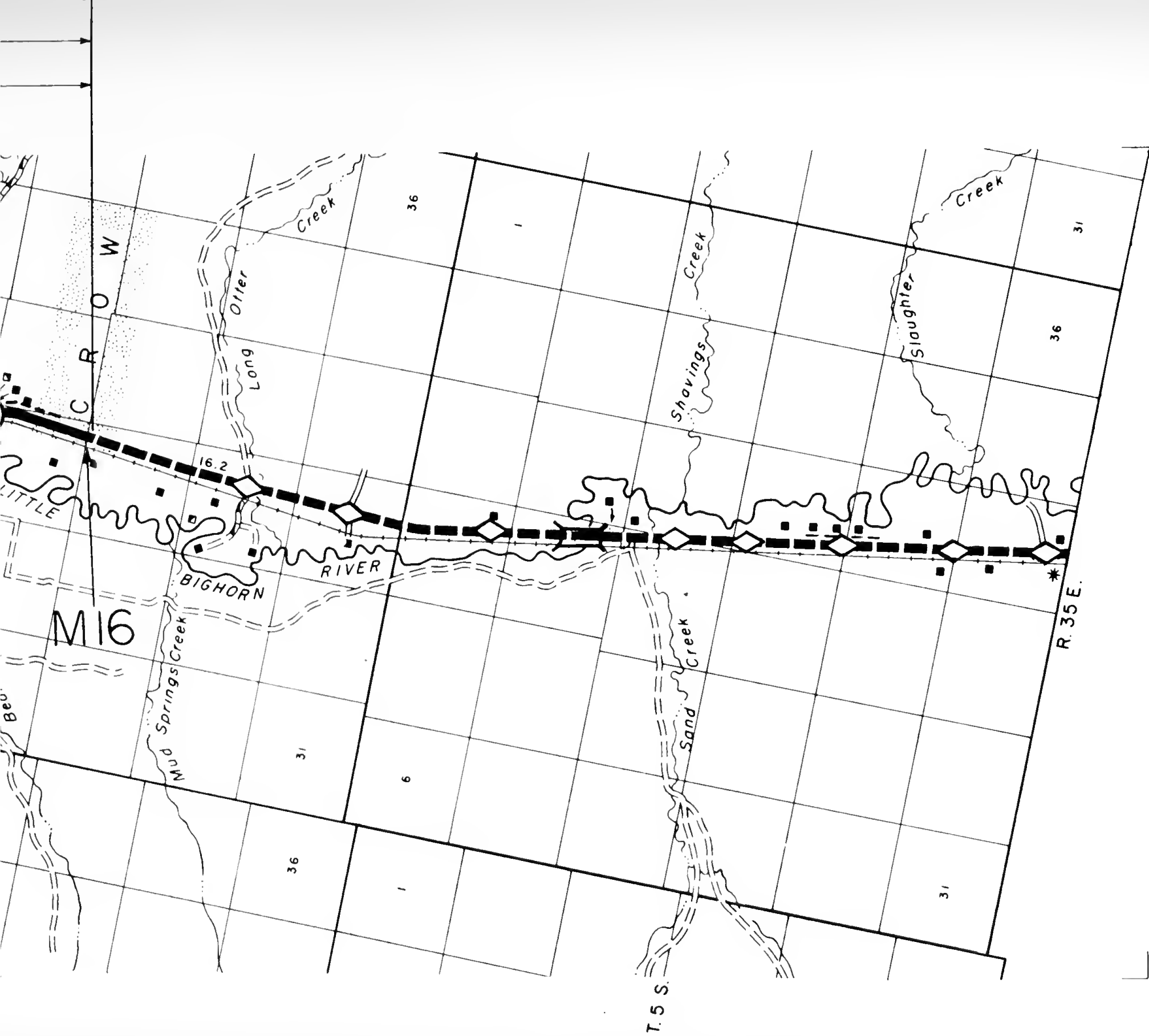
IN 90-9 (5) 498 C

I-90-9 (10) 498-C








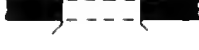
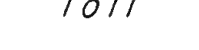



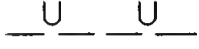
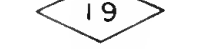

IG-90-9 (9)



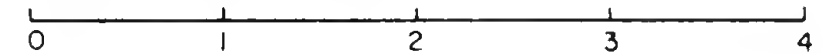




LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4 - 5
-  INTERSTATE LOCATION STEP 1 - 2 - 3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS

SCALE IN MILES

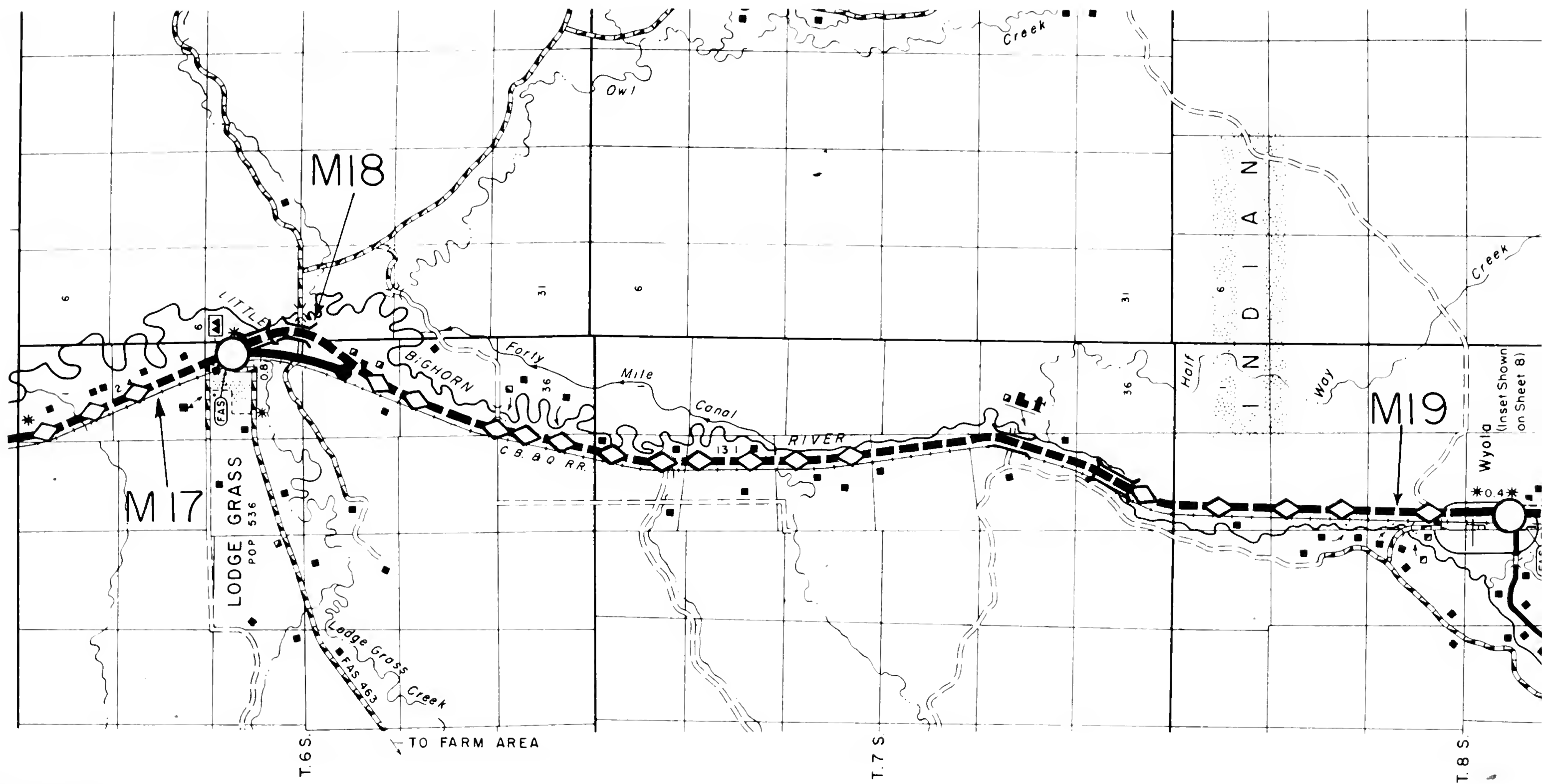


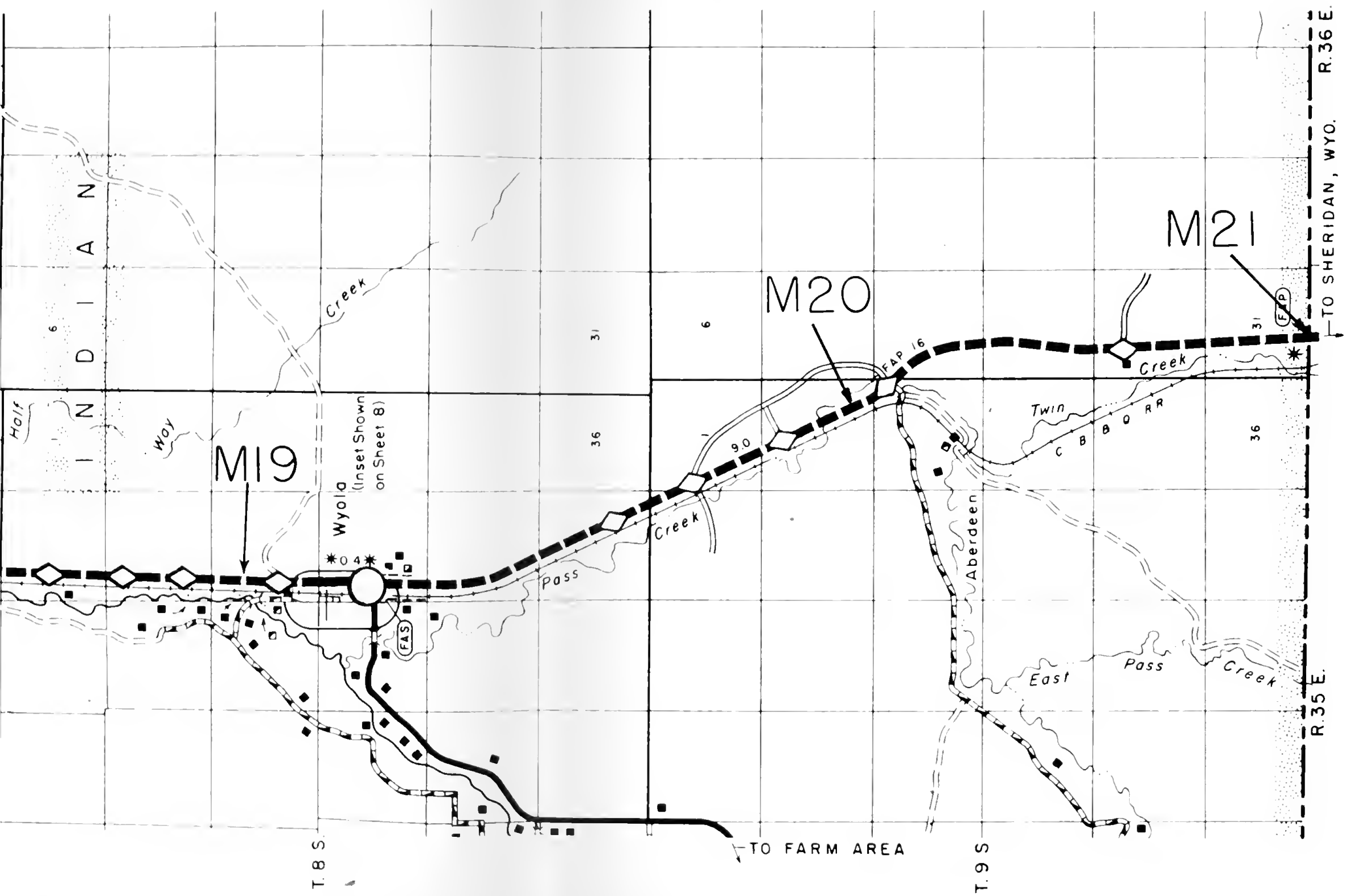
MONTANA

INTERSTATE ROUTE 90 (I-90)

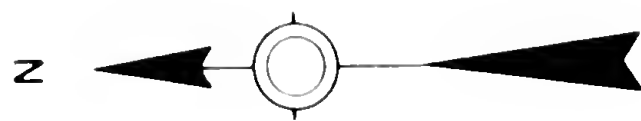
Sheet 10 of 11

Date January 1, 1960










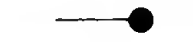

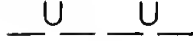
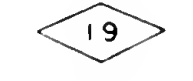
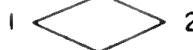


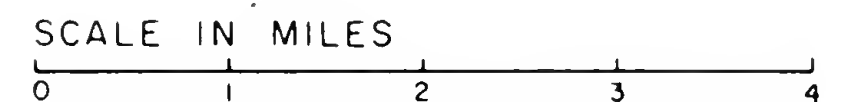


W Y O M I N G



LEGEND FOR INTERSTATE ROUTES

	INTERSTATE LOCATION STEP 4 - 5
	INTERSTATE LOCATION STEP 1 - 2 - 3
	INTERCHANGE
	HIGHWAY GRADE SEPARATION - NO CONNECTION
	RAILROAD GRADE SEPARATION
	COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
	OTHER BRIDGE
	TUNNEL
<i>Toll</i>	TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
	FRONTAGE ROAD
	TERMINATED CROSS ROAD
	INTERSECTION AT-GRADE
	URBAN AREA BOUNDARY
	POST MILEAGE
	ROUTE SECTIONS



MONTANA

INTERSTATE ROUTE 90 (103)

Sheet II of II

Date January 1, 1960

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

Sheet 2 of 4

STATE MONTANA

NEW INTERSTATE ROUTE NO. 94

[illegible]

Sheet 3 of 4

NEW INTERSTATE ROUTE NO. 94

[illegible]

Sheet 4 of 4

NEW INTERSTATE ROUTE NO. 94

Signatures: _____ Date _____
 State: Name and Title
 _____ Date _____
 BPR Division Engineer

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 4

STATE MontanaNEW INTERSTATE ROUTE NO. 94

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D16-D17	D17-D18	D18-D19	D19-D20.1	D20.1-D20.2	D20.2-D21.1	D21.1-D21.2	D21.2-D22.1	D22.1-D22.2	D22.2-D23	D23-D24	D24-D25	D25-D26.1	D26.1-D26.2	D26.2-D27
Section length, miles (0.1 mile)	5.1	9.1	9.6	6.8	1.9	3.4	7.0	1.0	4.8	0.7	1.0	3.6	5.2	5.7	2.5
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	N	N	E	E	E	E	E	N	N	N	N	N	N	N
No. lanes to be constructed this estimate	4	2	2	2	2	2	2	2	2	2	2	2	2	4	2
No. through traffic lanes	4	2	2	2	2	2	2	2	2	2	2	2	2	4	2
Finance code	23	23	23	22	22	22	22	22	23	23	23	23	23	23	23
WORK CLASSIFICATION	ESTIMATED COSTS (1,000 Dollars)														
1. Preliminary engineering	32	--	--	39	14	19	30	14	9	14	--	--	--	--	--
2. Right-of-way	202	206	238	44	29	12	122	38	101	2	2	9	13	14	6
3. Clear & grub; demolition	--	--	--	6	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	18	1	34	78	15	16	165	8	13	2	--	1	15	6	3
5. Grade & Drain; minor structures	954	491	643	195	120	146	139	75	233	70	26	89	520	164	144
6. Base; surfacing; shoulders	507	456	555	470	106	190	331	56	276	39	56	202	291	565	140
7. R.R. grade separations	--	--	88	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	111	62	141	--	--	--	--	--	--	--	--	--	--	--	72
9. Interchanges, complete	212	152	325	--	--	--	--	158	131	--	158	--	--	217	--
10. Other bridges; tunnels	35	131	118	102	31	62	--	--	--	396	25	--	70	87	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	58	100	147	44	45	21	45	22	28	4	17	22	32	47	27
13. Roadside improvement	14	26	48	20	6	10	20	3	14	2	3	10	15	16	7
14. All other items	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	1909	1419	2099	915	323	445	700	322	695	513	285	324	943	1102	393
16. Construction Engineering & Contingencies, 10% of line 15	191	142	210	92	32	45	70	32	70	51	29	32	94	110	39
17. Total Estimated Cost	2334	1767	2547	1090	398	521	922	406	875	580	316	365	1050	1226	438

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 2 OF 4

STATE MontanaNEW INTERSTATE ROUTE NO. 94

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D27-E1	E1-E2.1	E2.1-E2.2	E2.2-E3	E3-E4	E4-E5	E5-E6	E6-E7	E7-E8	E8-E9	E9-E10	E10-E11	E11-E12	E12-E13	E13-E14
Section length, miles (0.1 mile)	8.9	7.1	2.0	5.9	2.5	3.2	8.7	6.4	6.0	8.0	8.5	0.9	3.0	5.3	7.4
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	E	E	E	N	E	E	E	E	E	N	N	N	N	N
No. Lanes to be constructed this estimate	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Finance code	23	22	22	22	23	22	22	22	22	22	23	23	23	23	23
WORK CLASSIFICATION	ESTIMATED COSTS (1,000 Dollars)														
1. Preliminary engineering	--	31	9	53	23	17	60	42	--	11	--	--	--	--	--
2. Right-of-way	22	110	59	101	64	29	81	60	56	74	--	--	--	--	--
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	10	11	1	98	18	11	1	4	26	4	--	--	--	--	--
5. Grade & Drain; minor structures	558	142	82	315	118	169	306	284	515	255	913	107	345	261	21
6. Base; surfacing; shoulders	498	464	112	347	147	179	487	358	392	447	1019	108	396	636	288
7. R.R. grade separations	--	--	--	73	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	40	--	--	--	62	--	62	--	--	--	30	51	--	62	--
9. Interchanges, complete	154	--	--	158	158	--	317	158	158	--	431	149	153	--	--
10. Other bridges; tunnels	50	51	--	143	--	--	109	109	20	173	--	164	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	81	44	13	66	26	30	81	50	57	99	133	16	29	32	50
13. Roadside improvement	25	20	5	37	7	9	25	18	17	23	24	3	8	15	7
14. All other items	--	--	--	--	--	--	--	--	--	--	75	--	--	--	--
15. Subtotal, lines 3 to 14	1416	732	213	1237	536	398	1388	981	1185	951	2625	598	931	1006	566
16. Construction Engineering & Contingencies, 10% of line 15	141	73	21	124	54	40	139	98	118	95	263	60	93	101	57
17. Total Estimated Cost	1557	805	234	1361	590	438	1527	1079	1303	1046	2888	658	1024	1107	623

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 3 OF 4STATE MontanaNEW INTERSTATE ROUTE NO. 94

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	E14-E15.1	E15.1-E15.2	E15.2-F1	F1-F2	F2-F3	F3-F4	F4-F5	F5-F6	F6-F7	F7-F8	F8-F9	F9-F10	F10-F11	F11-F12	F12-F13.1
Section length, miles (0.1 mile)	5.1	1.6	6.6	7.2	2.7	1.6	5.5	4.4	2.2	0.2	3.9	7.8	5.6	5.7	1.8
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	E	E	E	E	E	N	E	E	E	E	E	E	E	N
No. Lanes to be constructed this estimate	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Finance code	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23
WORK CLASSIFICATION	ESTIMATED COSTS (1,000 Dollars)														
1. Preliminary engineering	36	8	--	--	--	--	--	--	--	--	--	--	--	--	10
2. Right-of-way	37	2	27	75	7	39	86	77	97	6	52	49	22	84	212
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	10	6	3	174	7	5	37	109	3	3	--	--	1	1	60
5. Grade & Drain; minor structures	299	55	335	283	131	53	214	142	94	--	141	198	190	275	143
6. Base; surfacing; shoulders	285	90	369	403	151	90	317	246	123	--	218	436	313	319	101
7. R.R. grade separations	--	--	--	--	--	--	--	173	85	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	--	--	--	--	40	--	--	--	--	--	--	--	62
9. Interchanges, complete	158	--	--	--	--	--	158	--	158	--	200	--	158	168	185
10. Other bridges; tunnels	--	--	90	379	--	22	--	--	130	679	35	113	87	129	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	82	36	41	45	26	10	53	44	60	1	68	82	78	71	55
13. Roadside improvement	15	5	19	41	8	5	16	13	6	--	31	22	16	16	5
14. All other items	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	849	192	857	1325	323	185	835	727	659	683	693	851	843	979	611
16. Construction Engineering & Contingencies, 10% of line 15	85	19	86	133	32	18	83	73	66	68	69	85	84	98	61
17. Total Estimated Cost	1007	221	970	1533	362	242	1004	877	822	757	814	985	949	1161	894

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 4 OF 4

STATE MontanaNEW INTERSTATE ROUTE NO. 94

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101			
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	Subtotal		Total
Section	F13.1-F13.2	F13.2-F13.3	F13.3-F14	F14-F15.1	F15.1-F15.2	F15.2-F16	F16-F17.1	F17.1-F17.2	F17.2-F18	F18-F19	F19-F20	F20-F21	Rural	Urban	For Route
Section length, miles (0.1 mile)	0.3	0.7	0.9	1.7	1.3	0.6	1.5	2.7	13.3	4.7	4.9	6.1	245.1	1.7	246.8
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R			
Location: Existing, new, or toll	N	N	N	N	N	N	E	E	E	E	N	E			
No. lanes to be constructed this estimate	2	4	4	4	4	2	2	2	2	2	2	2			
No. through traffic lanes	2	4	4	4	4	2	2	2	2	2	2	2			
Finance code	23	23	23	23	23	23	22	22	22	22	23	22			
WORK CLASSIFICATION			ESTIMATED COSTS (1,000 Dollars)												
1. Preliminary engineering	19	7	10	11	11	7	33	--	63	--	--	--	621	11	632
2. Right-of-way	35	82	106	200	153	71	--	--	222	35	121	106	3497	200	3697
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	6	--	6
4. Utility adjustments	2	6	8	12	1	1	--	--	3	4	21	26	1050	12	1062
5. Grade & Drain; minor structures	--	217	311	124	306	91	--	--	406	149	270	172	13075	124	13199
6. Base; surfacing; shoulders	--	69	89	168	129	33	--	--	744	213	274	341	15471	168	15639
7. R.R. grade separations	--	113	--	--	--	57	--	--	--	--	--	--	589	--	589
8. Highway grade separations without ramps	--	--	--	216	--	--	--	--	--	--	--	--	795	216	1011
9. Interchanges, complete	--	--	202	--	217	150	--	--	--	--	191	--	5134	--	5134
10. Other bridges; tunnels	1203	--	--	87	--	67	--	--	104	--	110	--	4974	87	5061
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	--	4	16	78	23	36	1	1	150	46	51	55	2601	78	2679
13. Roadside improvement	--	2	3	5	4	2	4	8	58	13	14	18	801	5	806
14. All other items	--	--	--	--	--	--	--	--	--	75	--	--	150	--	150
15. Subtotal, lines 3 to 14	1205	411	629	690	680	437	5	9	1465	500	931	612	44646	690	45336
16. Construction Engineering & Contingencies, 10% of line 15	121	41	63	69	68	43	0	1	147	50	93	61	4464	69	4533
17. Total Estimated Cost	1380	541	808	970	912	558	38	10	1897	585	1145	779	53228	970	54198

Signatures:

Date _____

State: Name and Title _____

Date _____

BPR Division Engineer _____

BY ROUTE SECTIONS WITH ROUTE TOTALS

[illegible]

Sheet 2 of 4

STATE MONTANA

NEW INTERSTATE ROUTE NO. 94

[illegible]

BY ROUTE SECTIONS WITH ROUTE TOTALS

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

Sheet 4 of 4

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANANEW INTERSTATE ROUTE NO. 94

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	Subtotal		Total
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	Rural	Urban	For Route
Section	F13.1-F13.2	F13.2-F13.3	F13.3-F14	F14-F15.1	F15.1-F15.2	F15.2-F16	F16-F17.1	F17.1-F17.2	F17.2-F18	F18-F19	F19-F20	F20-F21			
Section length, miles (0.1 mile)	0.3	0.7	0.9	1.7	1.3	0.6	1.5	2.7	13.3	4.7	4.9	6.1	245.1	1.7	246.8
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R			
Location: Existing, new, or toll	N	N	N	N	N	N	E	E	E	E	N	E			
No. Lanes to be constructed this estimate	2	4	4	4	4	2	2	2	2	2	2	2			
No. through traffic lanes	2	4	4	4	4	2	2	2	2	2	2	2			
Finance code	23	23	23	23	23	23	22	22	22	22	23	22			
WORK CLASSIFICATION													ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES		
Item No. from Table C															
7. R.R. grade separations	Cost	-	113	-	-	-	57	-	-	-	-	-	583	-	583
No. for which costs estimated		-	1	-	-	-	1	-	-	-	-	-	6	-	6
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. Highway grade separations without ramps	Cost	-	-	-	216	-	-	-	-	-	-	-	795	216	1011
No. for which costs estimated		-	-	-	2	-	-	-	-	-	-	-	13	-	15
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Interchanges, complete	Cost	-	-	202	-	217	150	-	-	-	191	-	5134	-	5134
No. for which costs estimated		-	-	1	-	1	1	-	-	-	1	-	30	-	30
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
10. Other bridges: tunnels	Cost	1203	-	-	87	-	67	-	-	104	-	110	4974	-	5061
No. for which costs estimated		1	-	-	1	-	1	-	-	2	-	1	40	-	50
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total structures	Cost	1203	113	202	303	217	274	-	-	104	-	301	11492	301	11795
No. for which costs estimated		1	1	1	3	1	3	-	-	2	-	2	98	-	101
No. in service - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. in authorized status - cost = zero		-	-	-	-	-	-	-	-	-	-	-	-	-	-

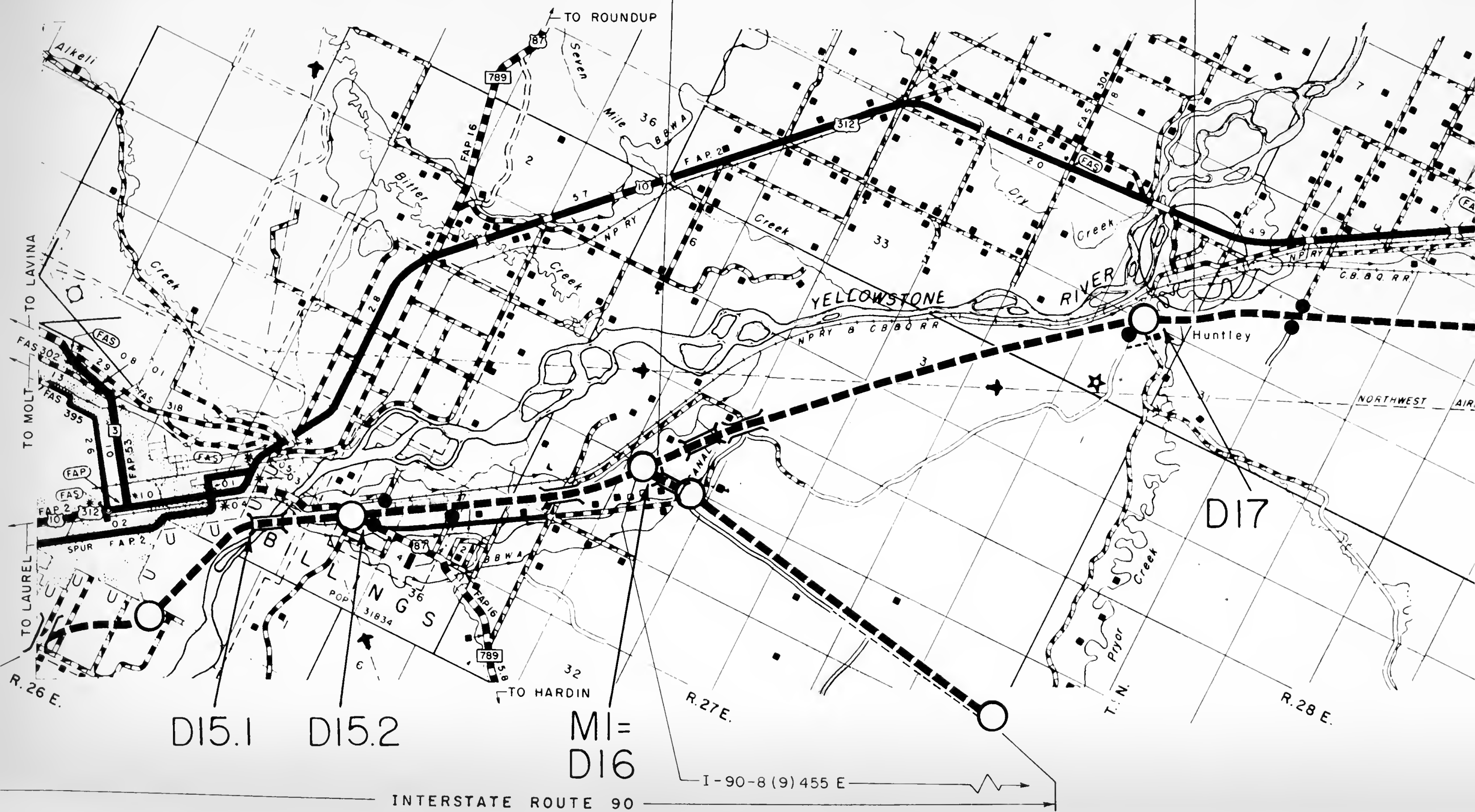
Signatures:

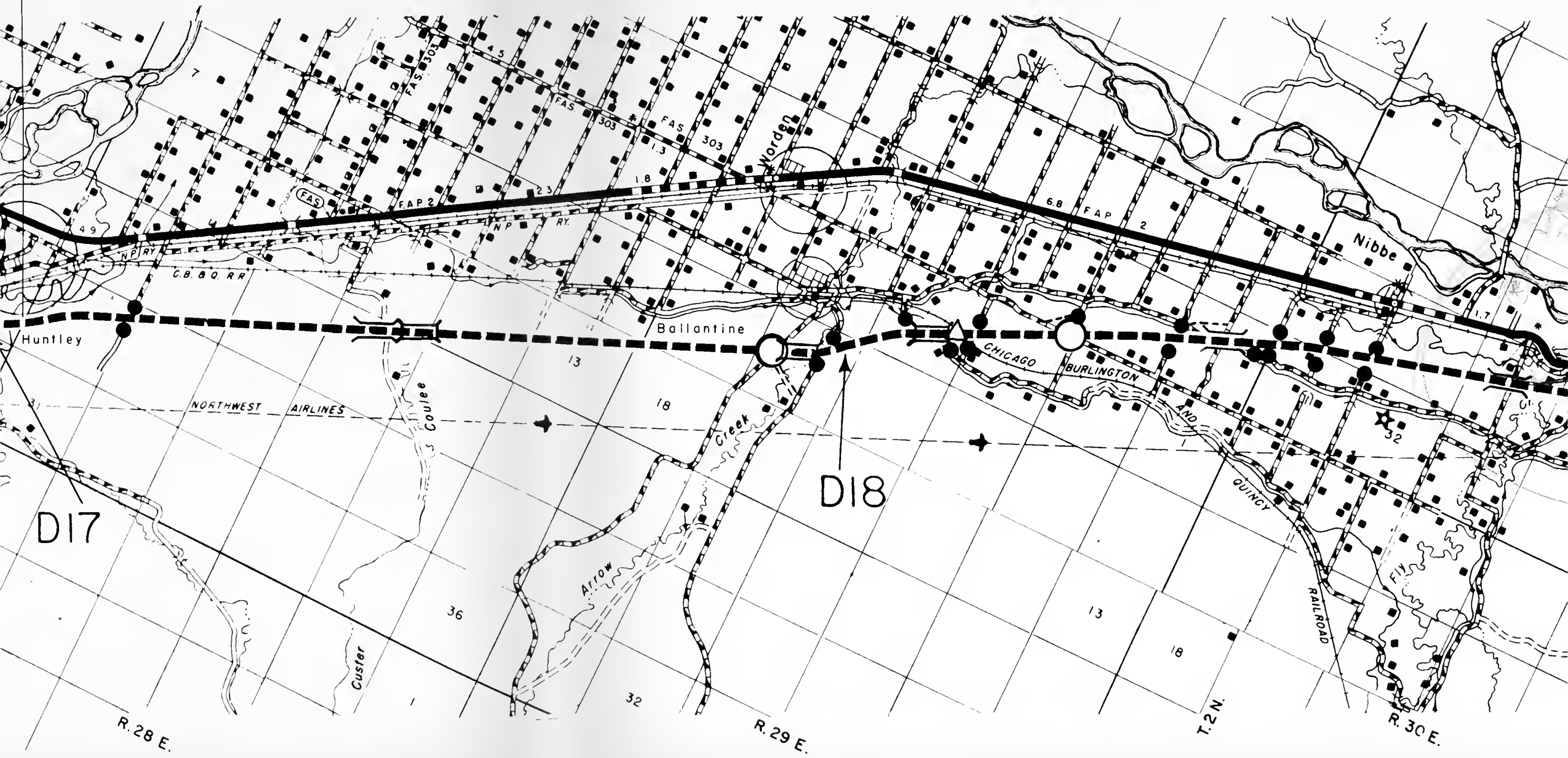
State: Name and Title

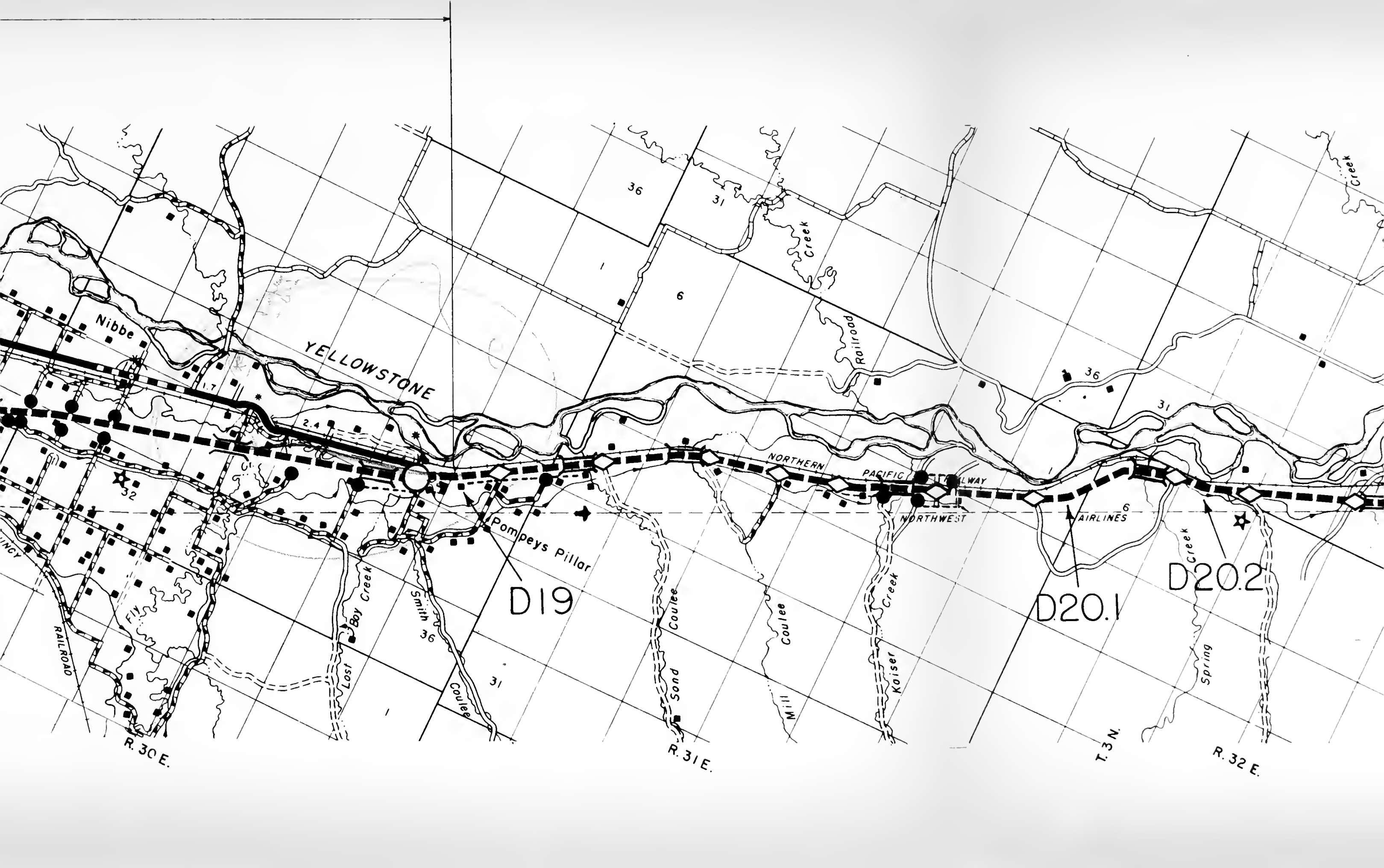
Date

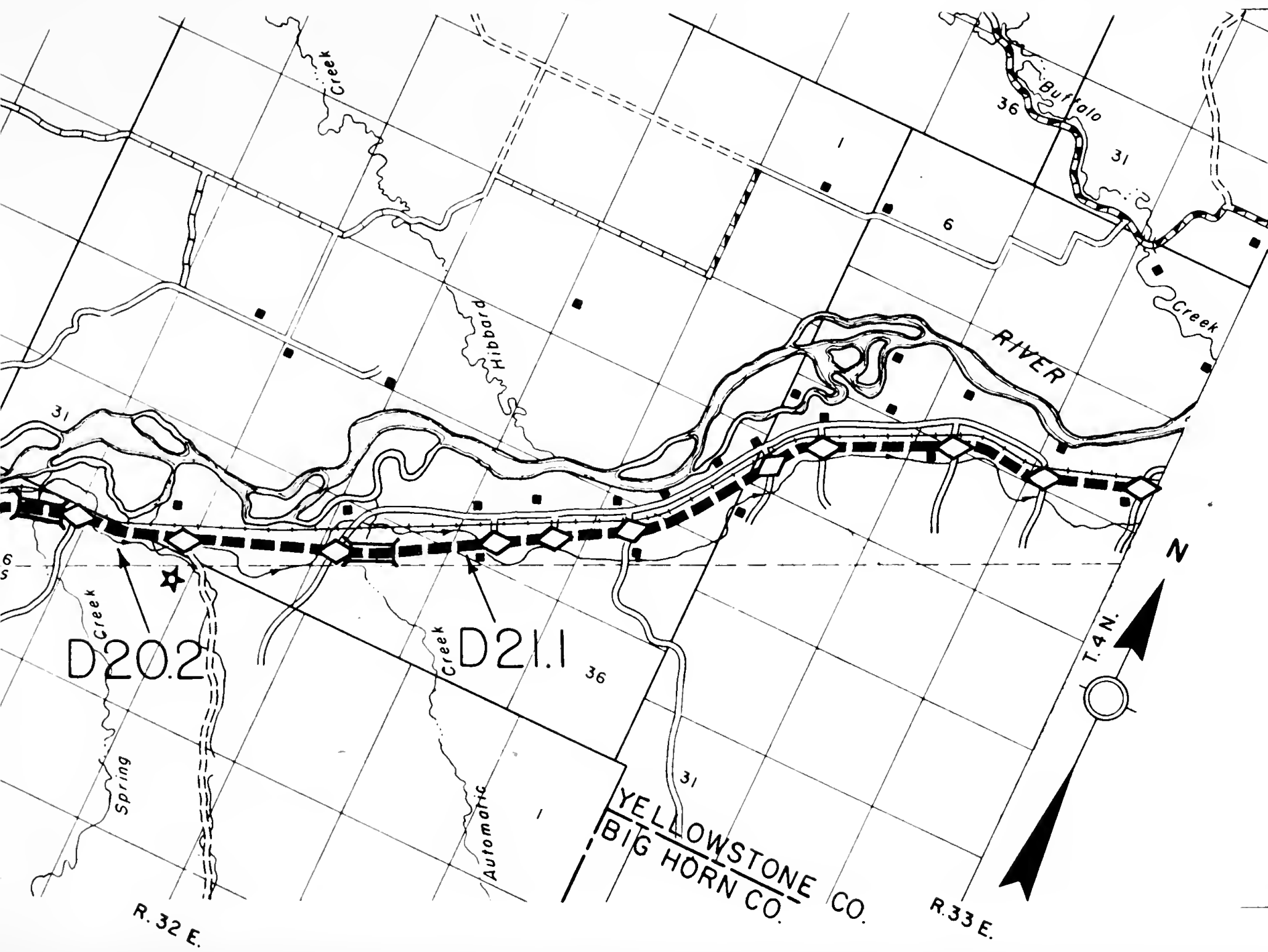
BPR Division Engineer

Date



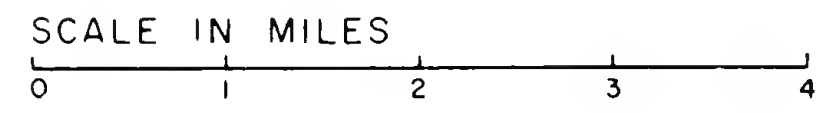






LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

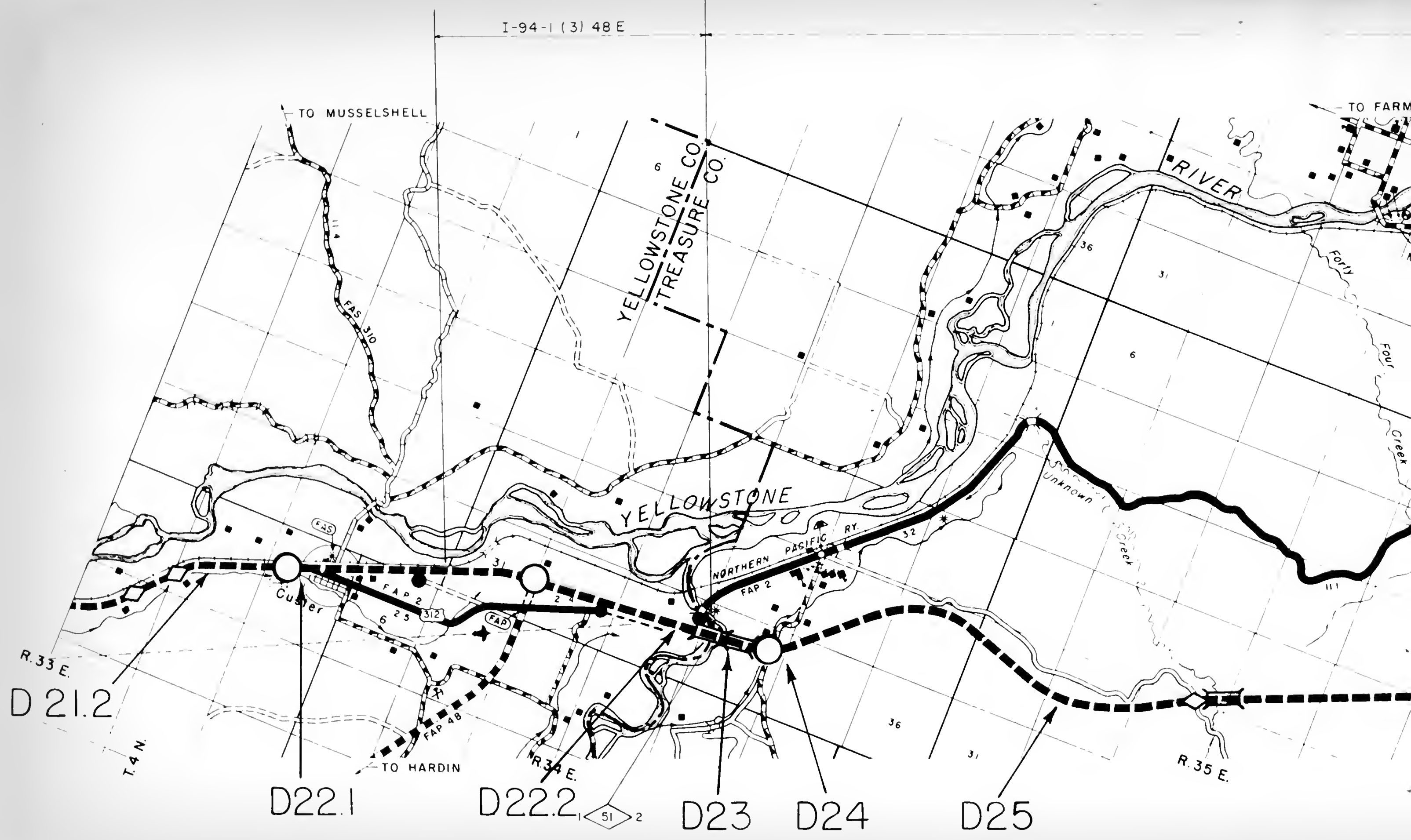


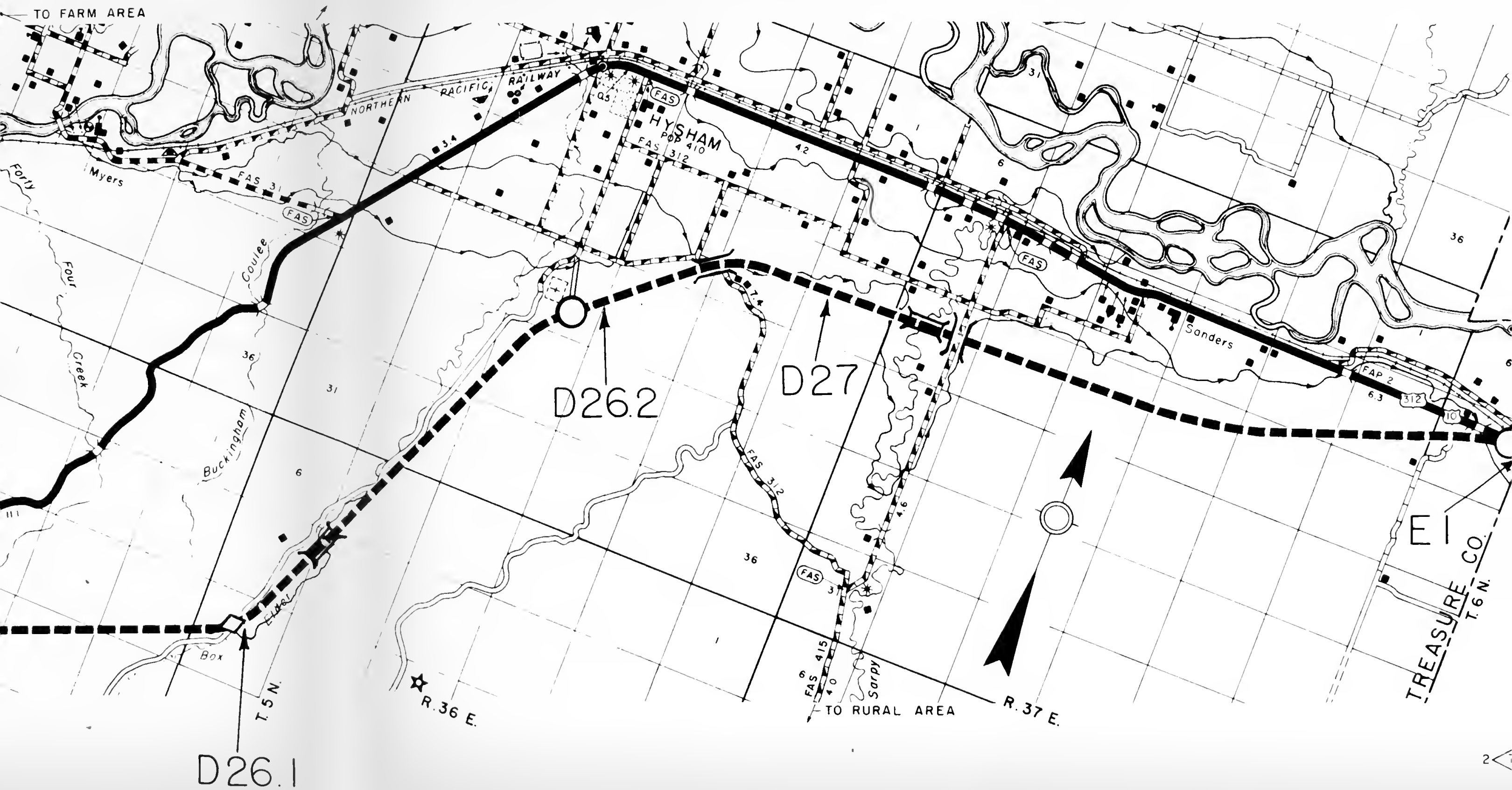
MONTANA

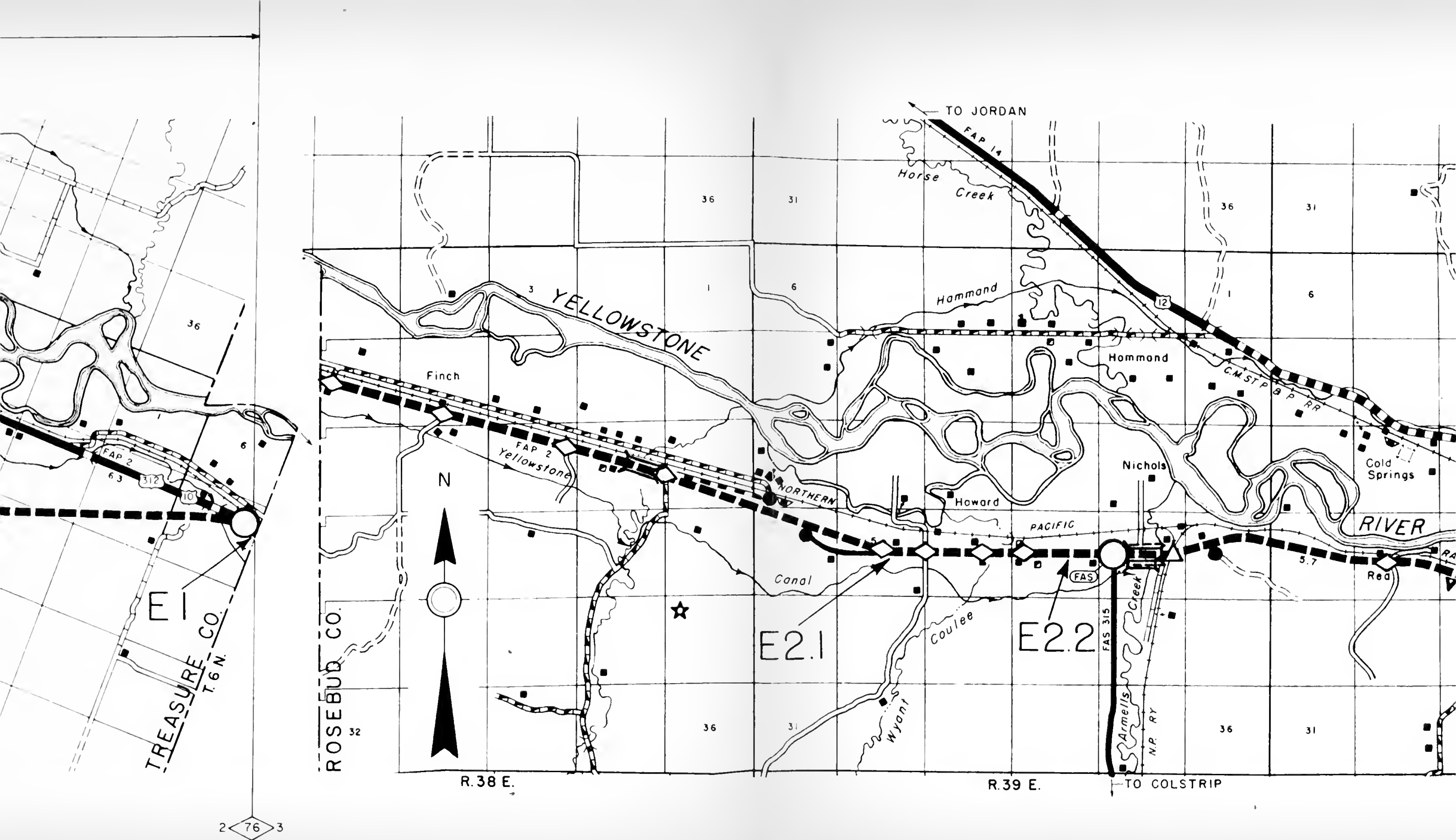
INTERSTATE ROUTE 94 (IOI)

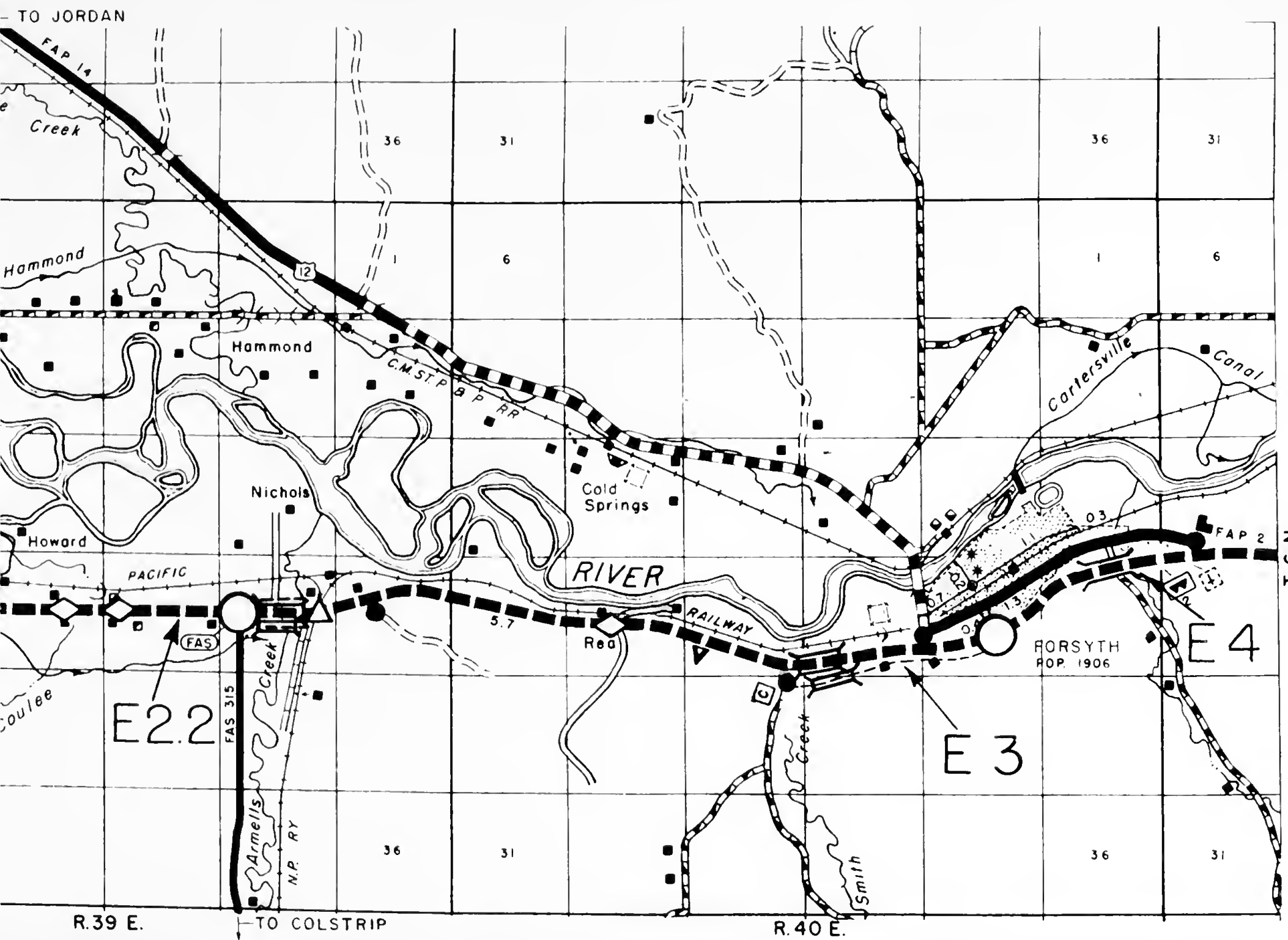
Sheet 1 of 5

Date January 1, 1960



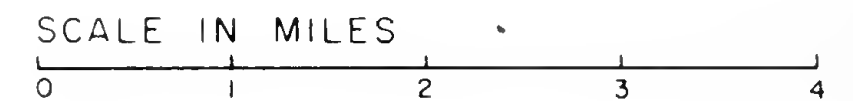






LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

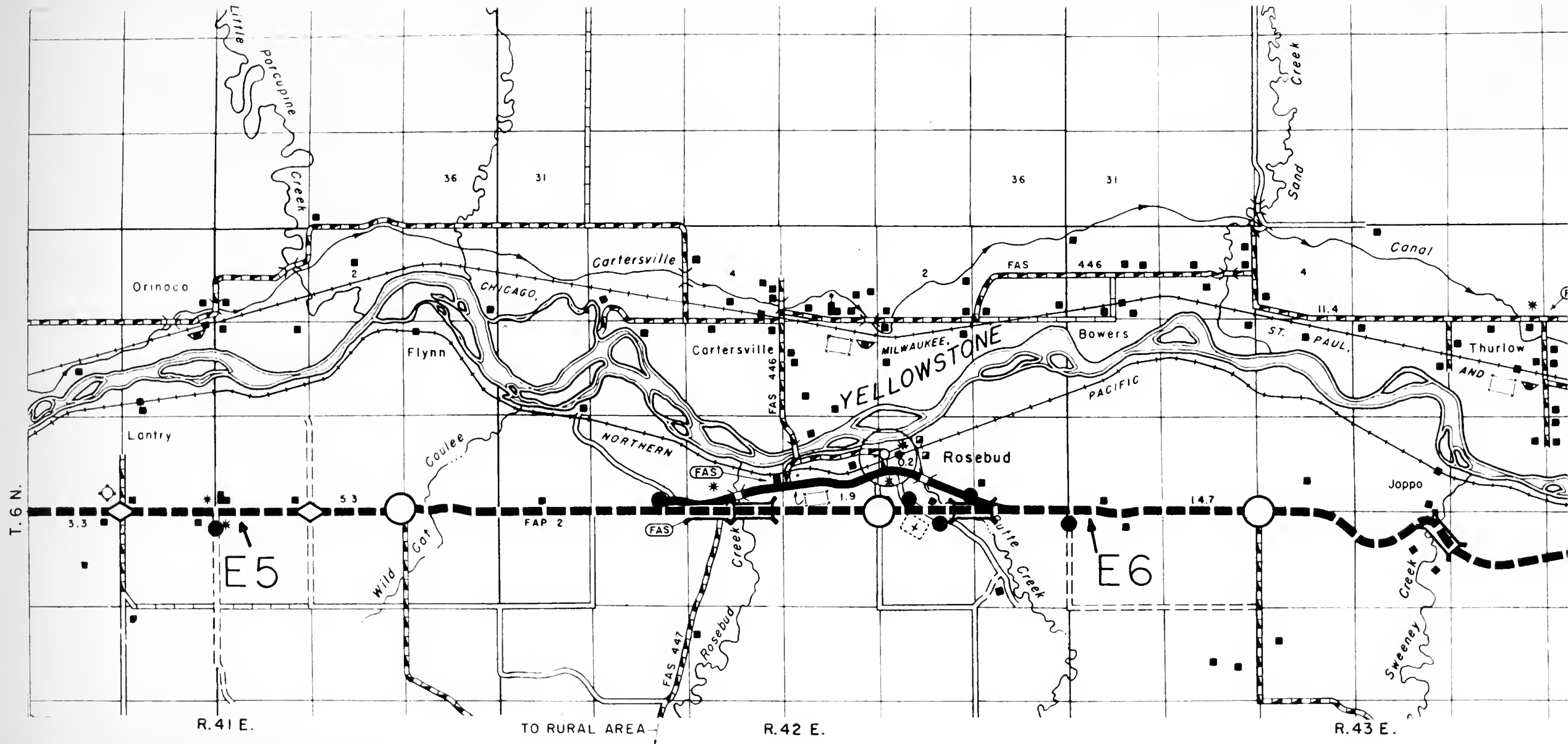


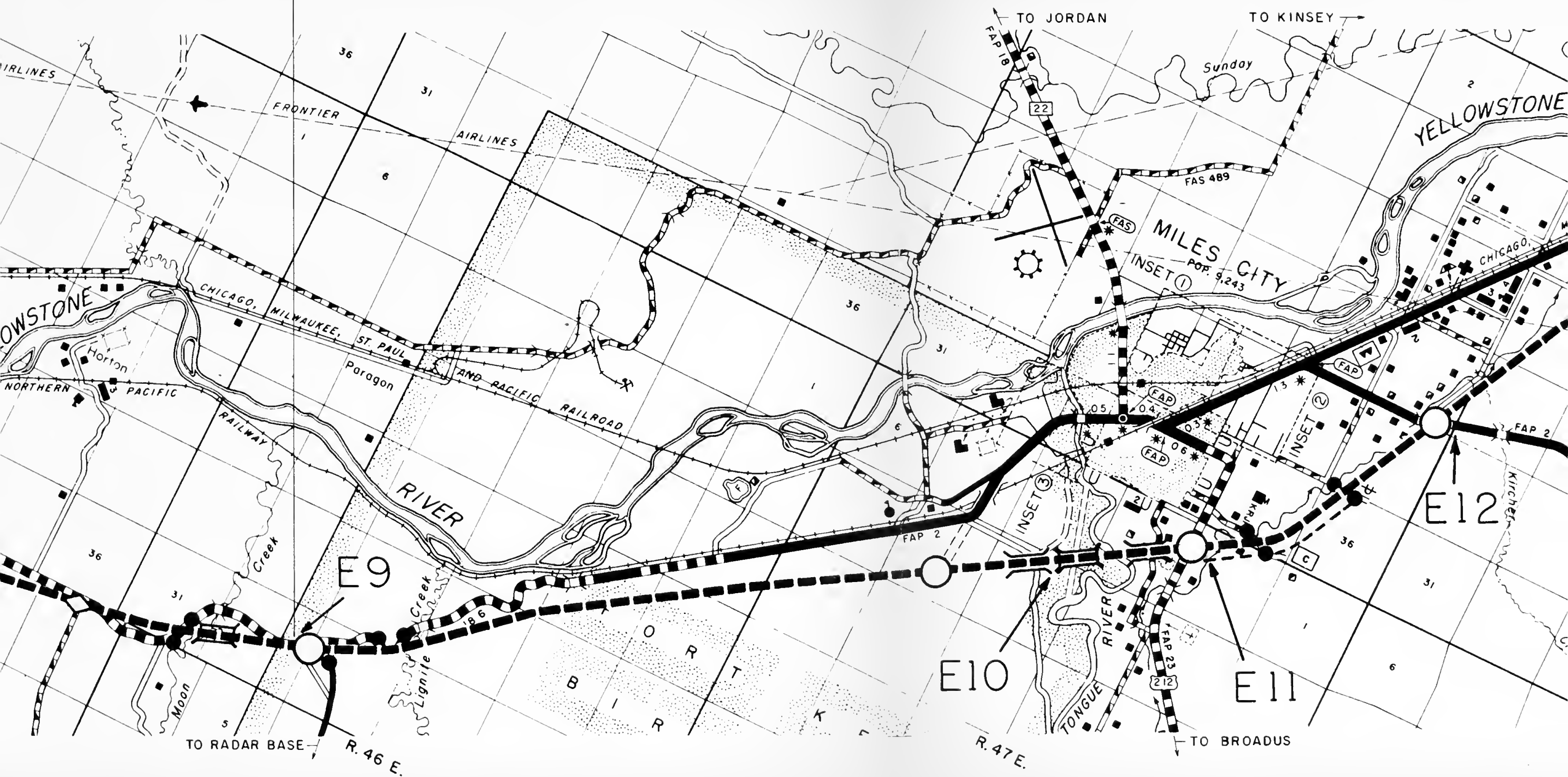
MONTANA

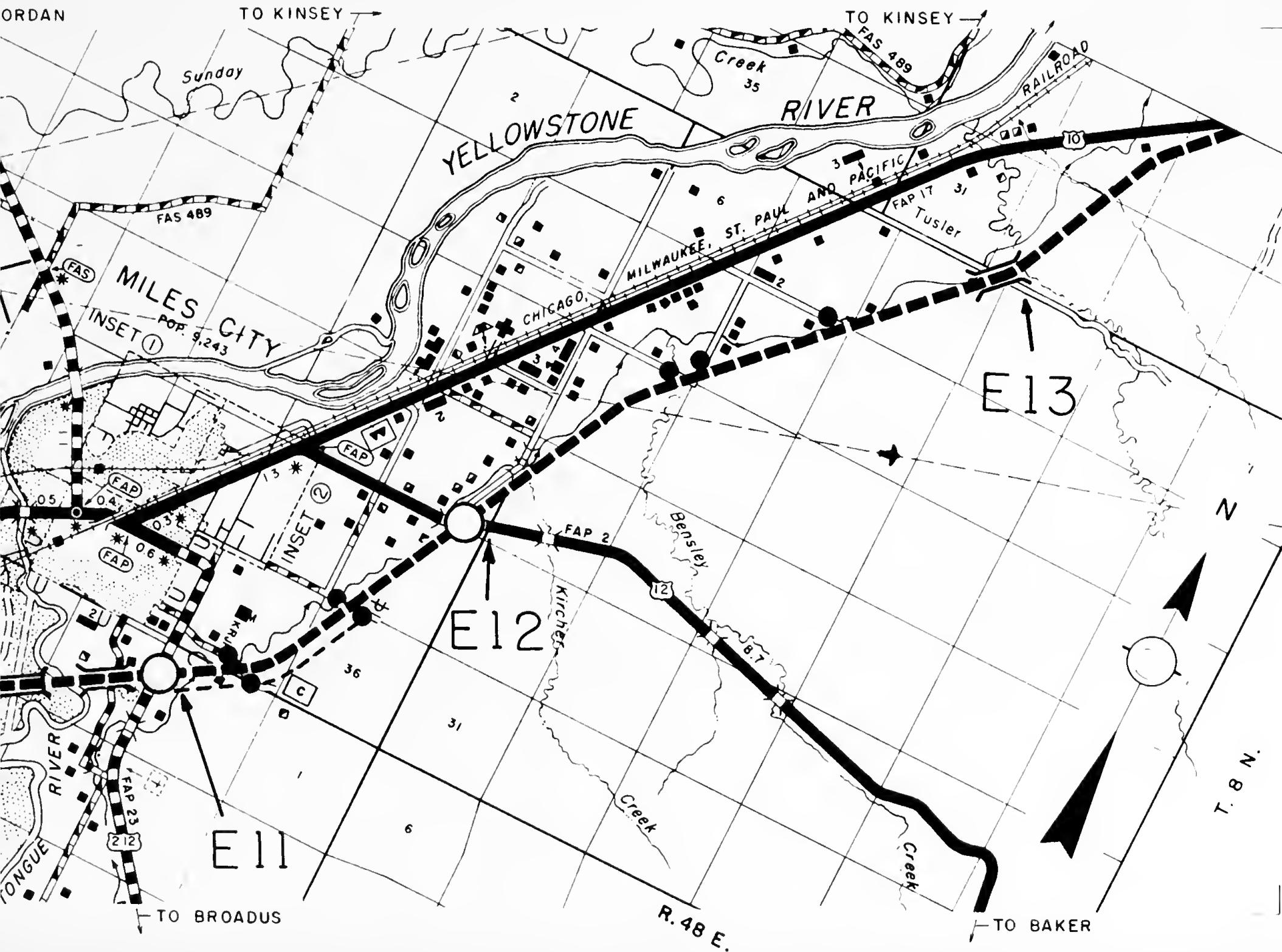
INTERSTATE ROUTE 94 (IOI)

Sheet 2 of 5

Date January 1, 1960



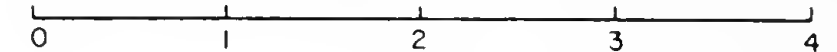




LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES



MONTANA

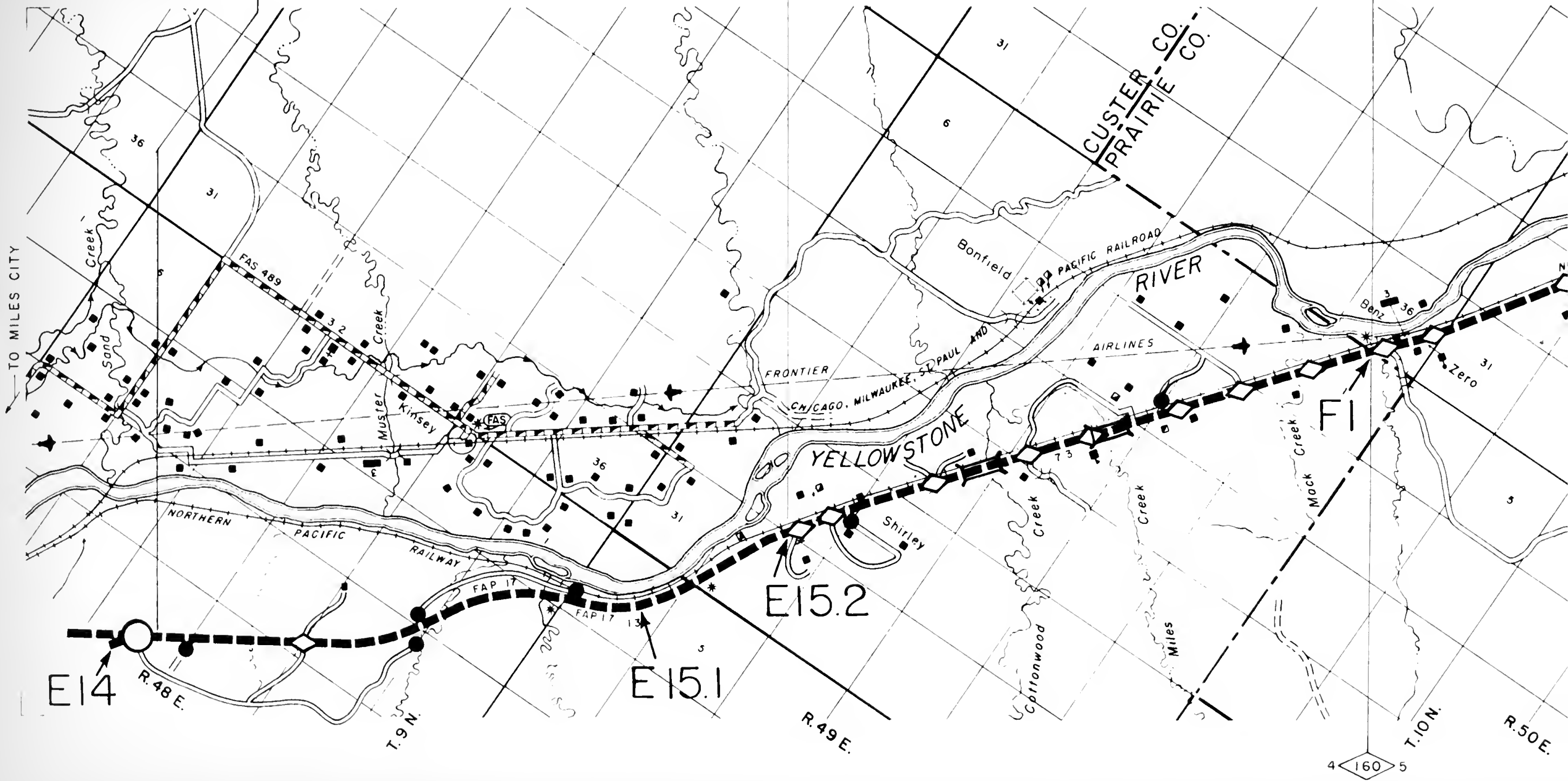
INTERSTATE ROUTE 94 (101)

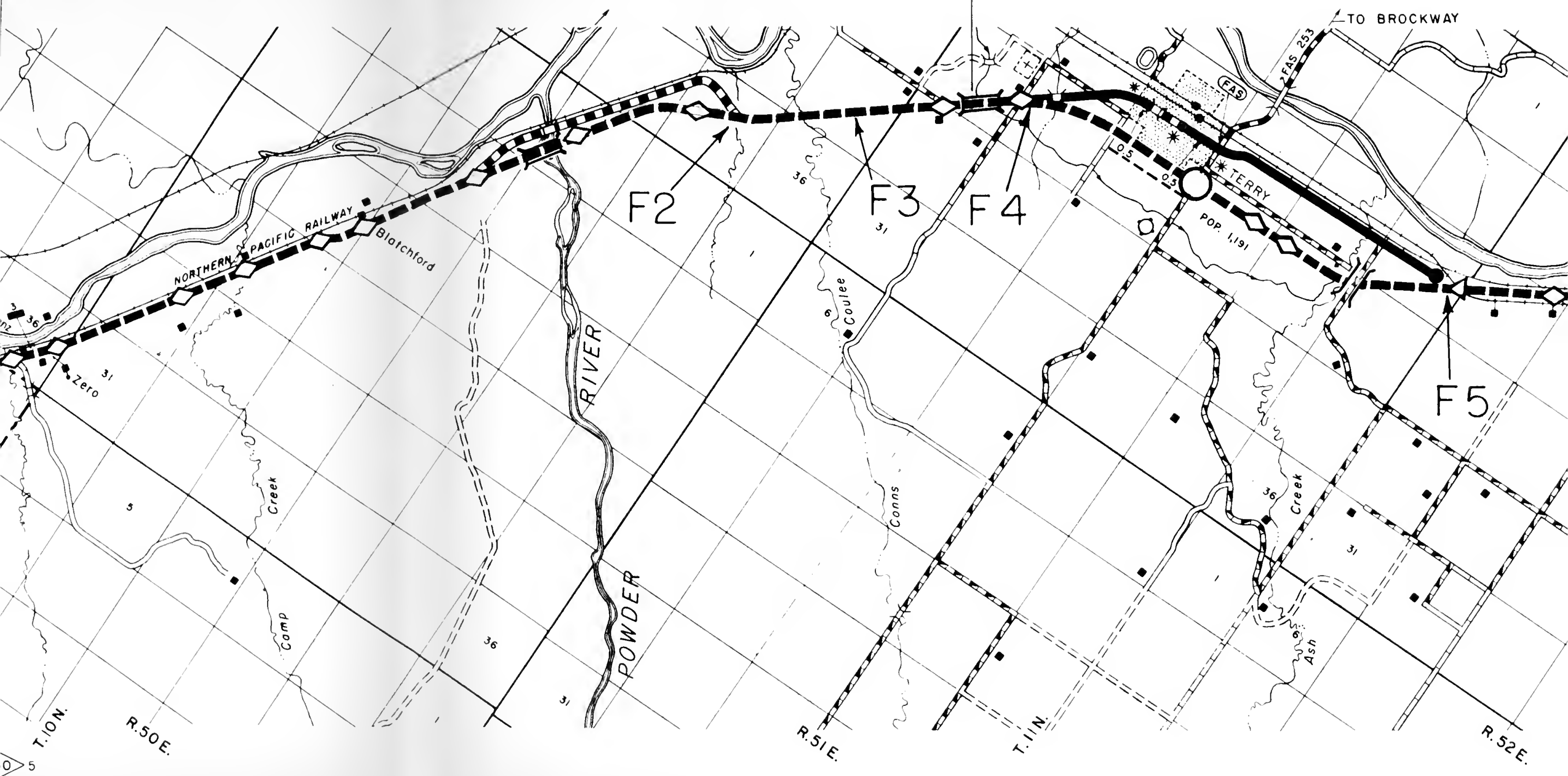
Sheet 3 of 5

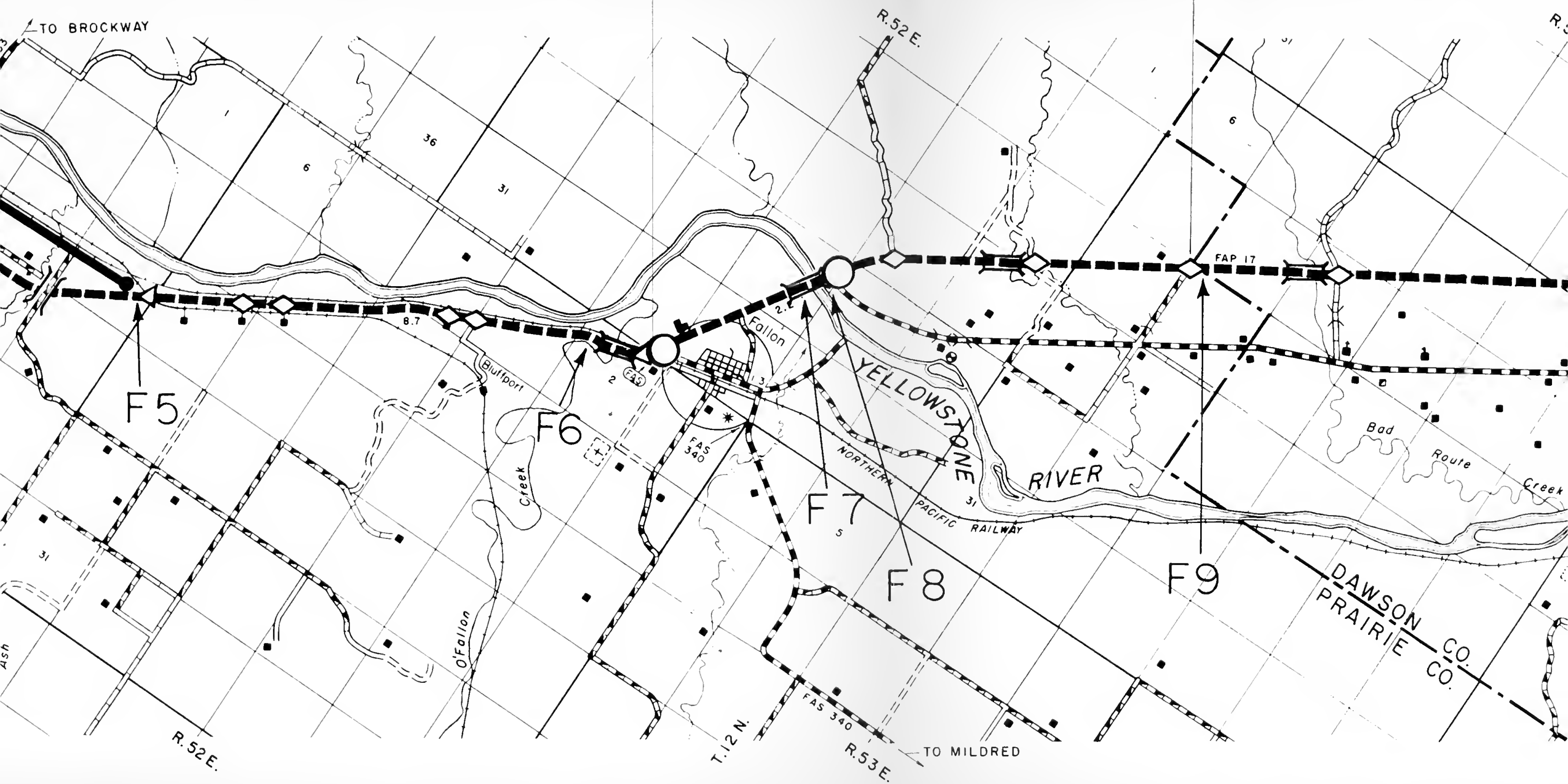
Date January 1, 1960

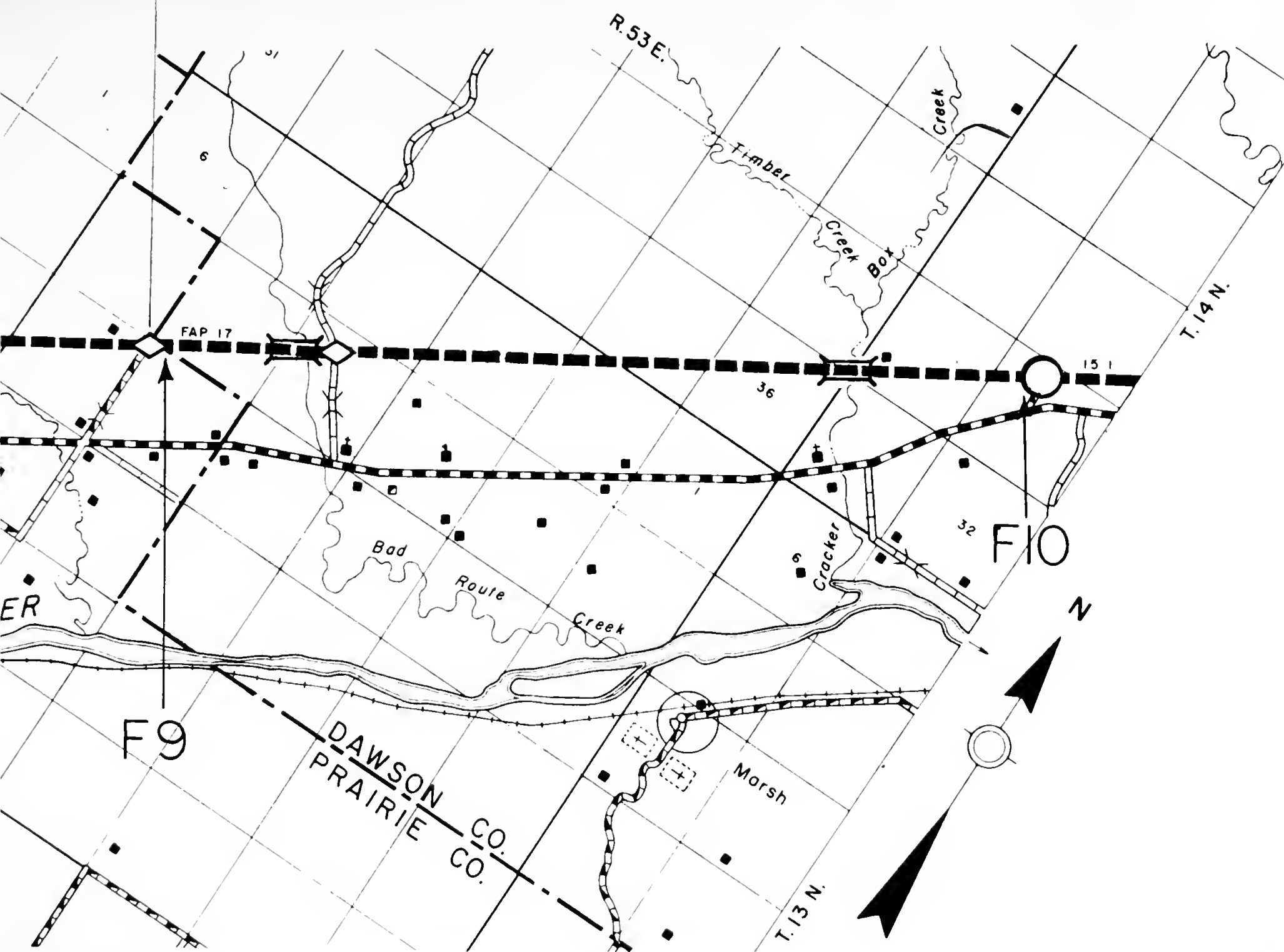
I-94-4(1)127 E-R

I-94-4(2)153 E





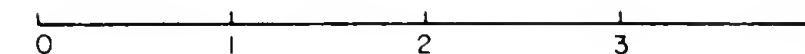




LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES

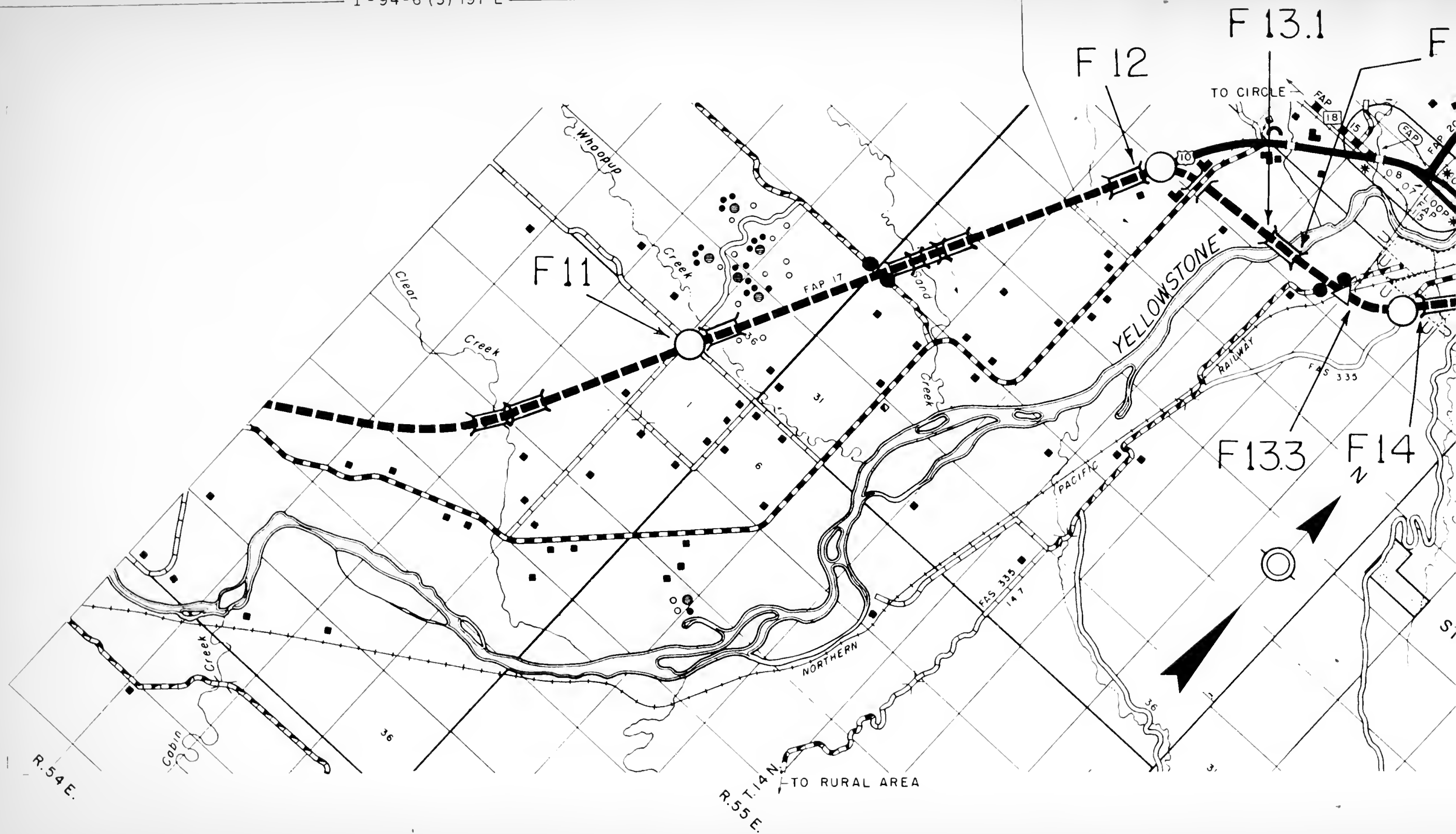


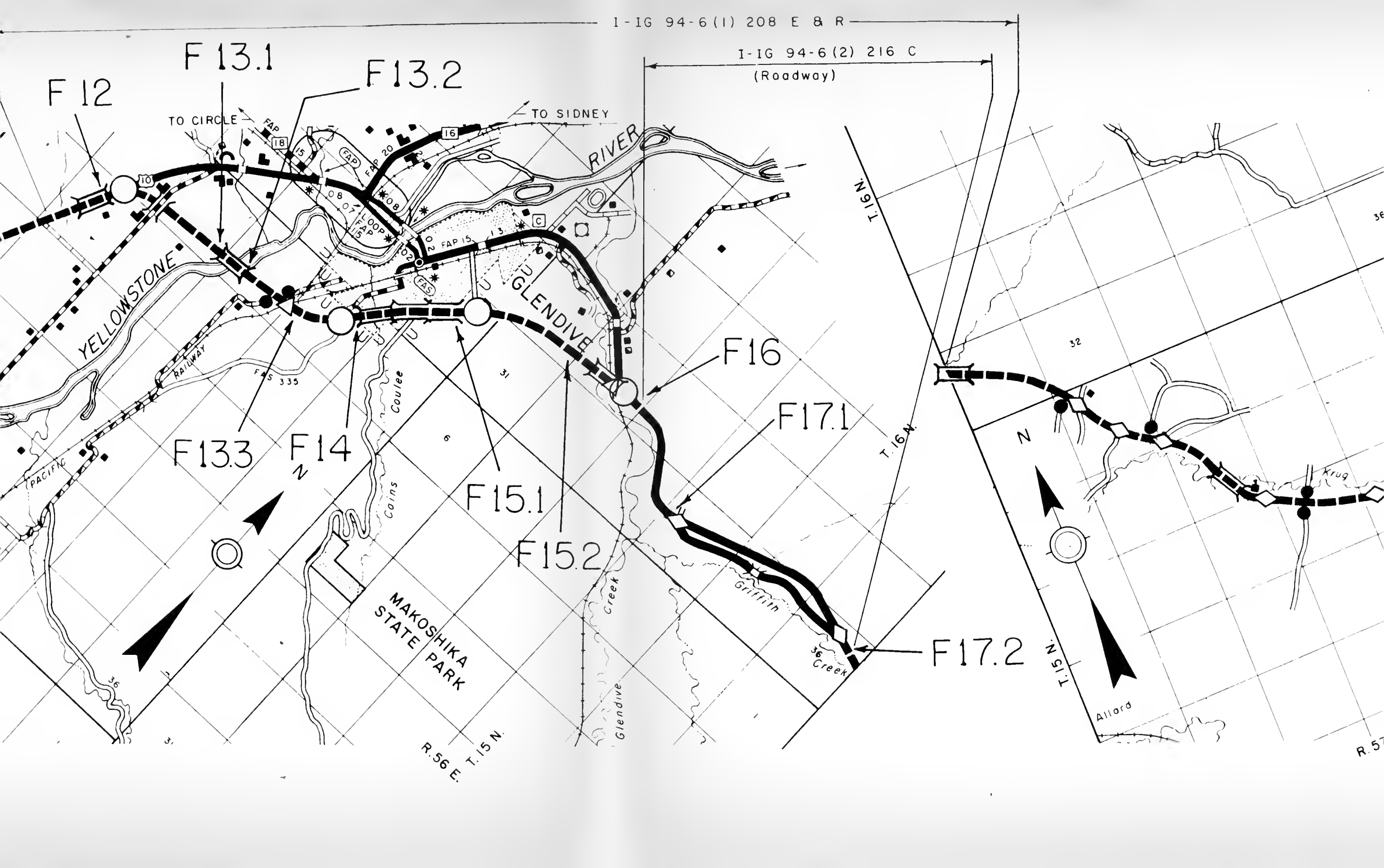
MONTANA

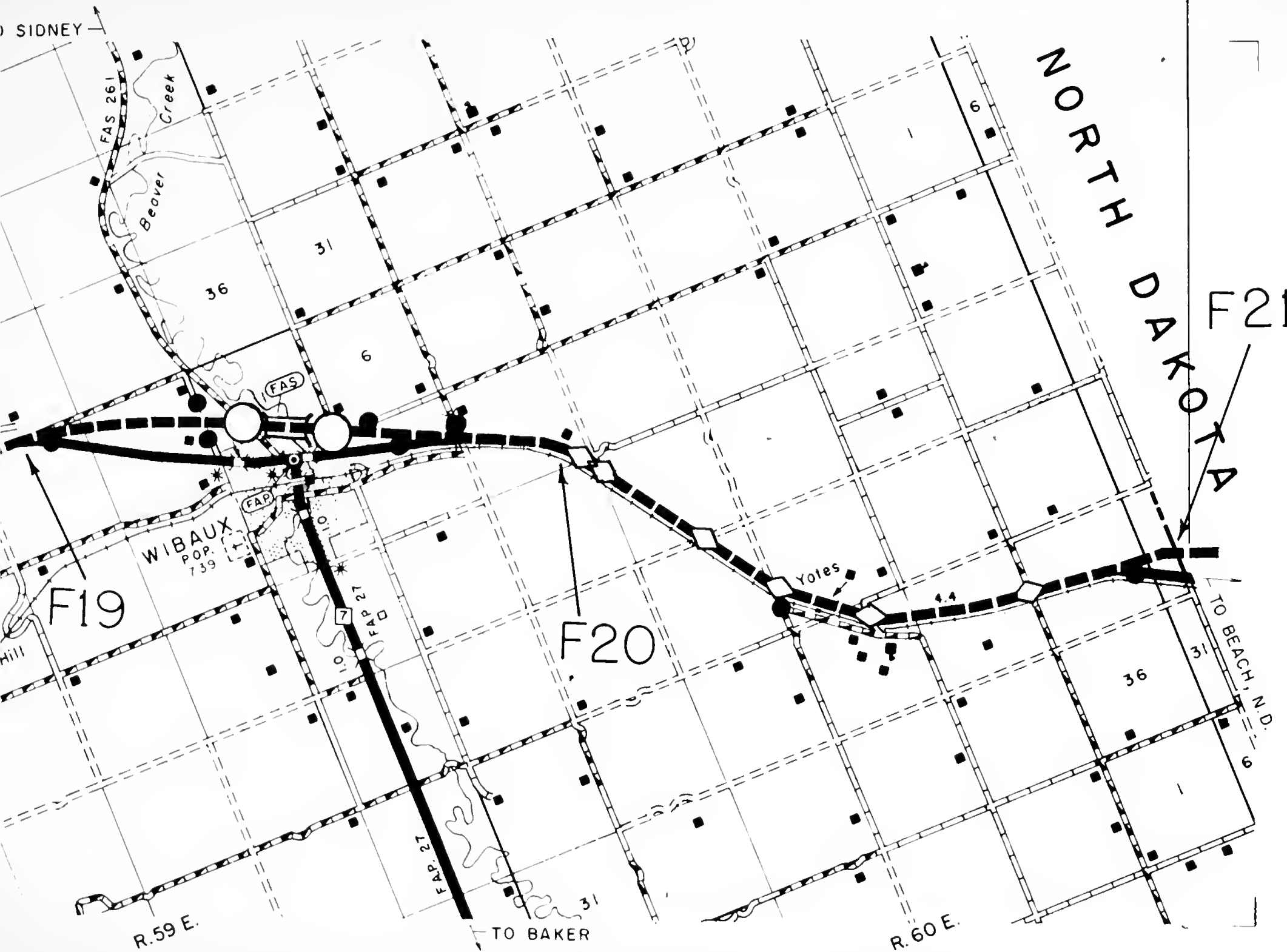
INTERSTATE ROUTE 94 (IOI)

Sheet 4 of 5

Date January 1, 1960

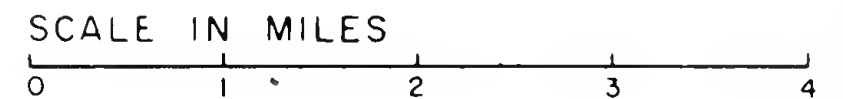






LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS



MONTANA

INTERSTATE ROUTE 94 (IOI)

Sheet 5 of 5

Date January 1, 1960

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 115

[illegible]

Signatures: _____
State: Name and Title

BPR Division Engineer

Date _____

Date _____

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 115

Old Interstate route number	104	104														
Route identification (Code 1 or 2)	1	1														
Section	K1.1-K1.2	K1.2-K2														
Section length, miles (0.1 mile)	0.3	1.1														
Class: Rural or Urban	R	U														
Location: Existing, new, or toll	E	E														
No. Lanes to be constructed this estimate	4	4														
No. through traffic lanes	4	4														
Finance code	22	22														
WORK CLASSIFICATION			ESTIMATED COSTS (1,000 Dollars)													
1. Preliminary engineering	3	7											3	7	10	
2. Right-of-way	100	200											100	200	300	
3. Clear & grub; demolition	-	-											-	-	-	
4. Utility adjustments	-	-											-	-	-	
5. Grade & Drain; minor structures	3	-											3	-	3	
6. Base; surfacing; shoulders	25	62											25	62	87	
7. R.R. grade separations	-	-											-	-	-	
8. Highway grade separations without ramps	-	-											-	-	-	
9. Interchanges, complete	-	-											-	-	-	
10. Other bridges; tunnels	-	-											-	-	-	
11. Walls	-	-											-	-	-	
12. Guardrail; fencing; lighting; traffic control devices	38	91											38	91	129	
13. Roadside improvement	2	3											2	3	5	
14. All other items	-	-											-	-	-	
15. Subtotal, lines 3 to 14	68	156											68	156	224	
16. Construction Engineering & Contingencies, 10% of line 15	7	16											7	16	23	
17. Total Estimated Cost	178	379											178	379	557	

Signatures:

State: Name and Title

BPR Division Engineer

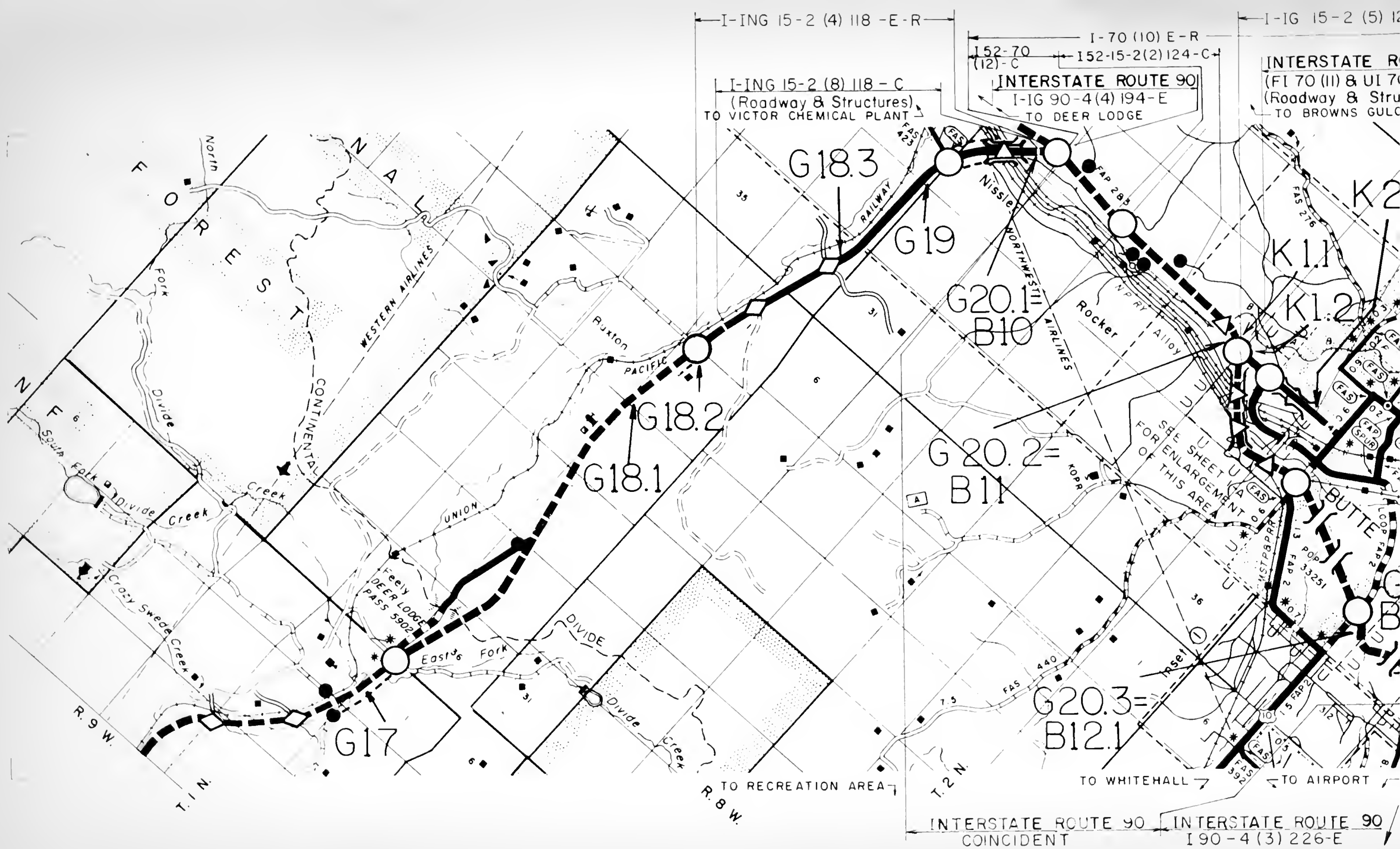
Date

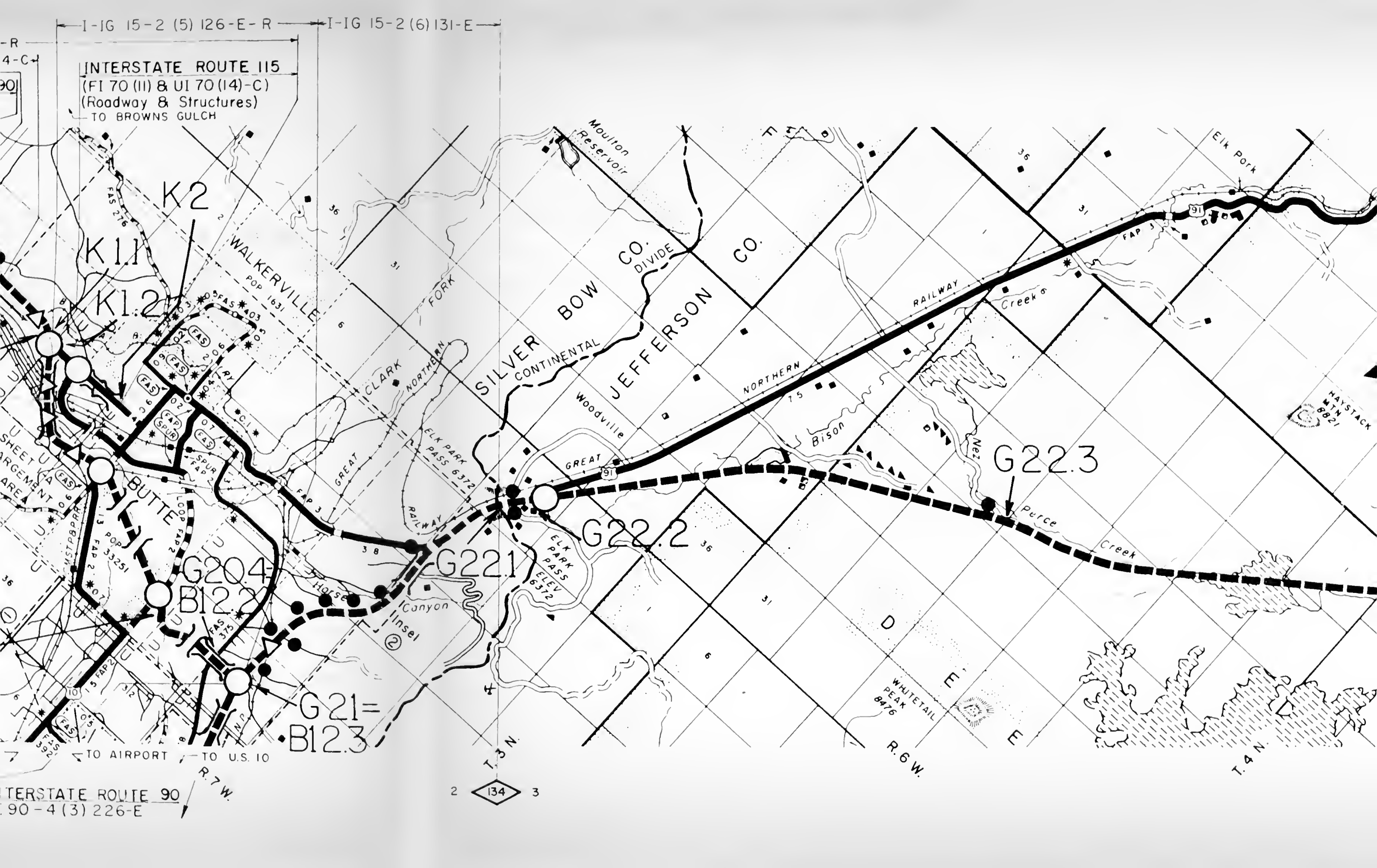
Date

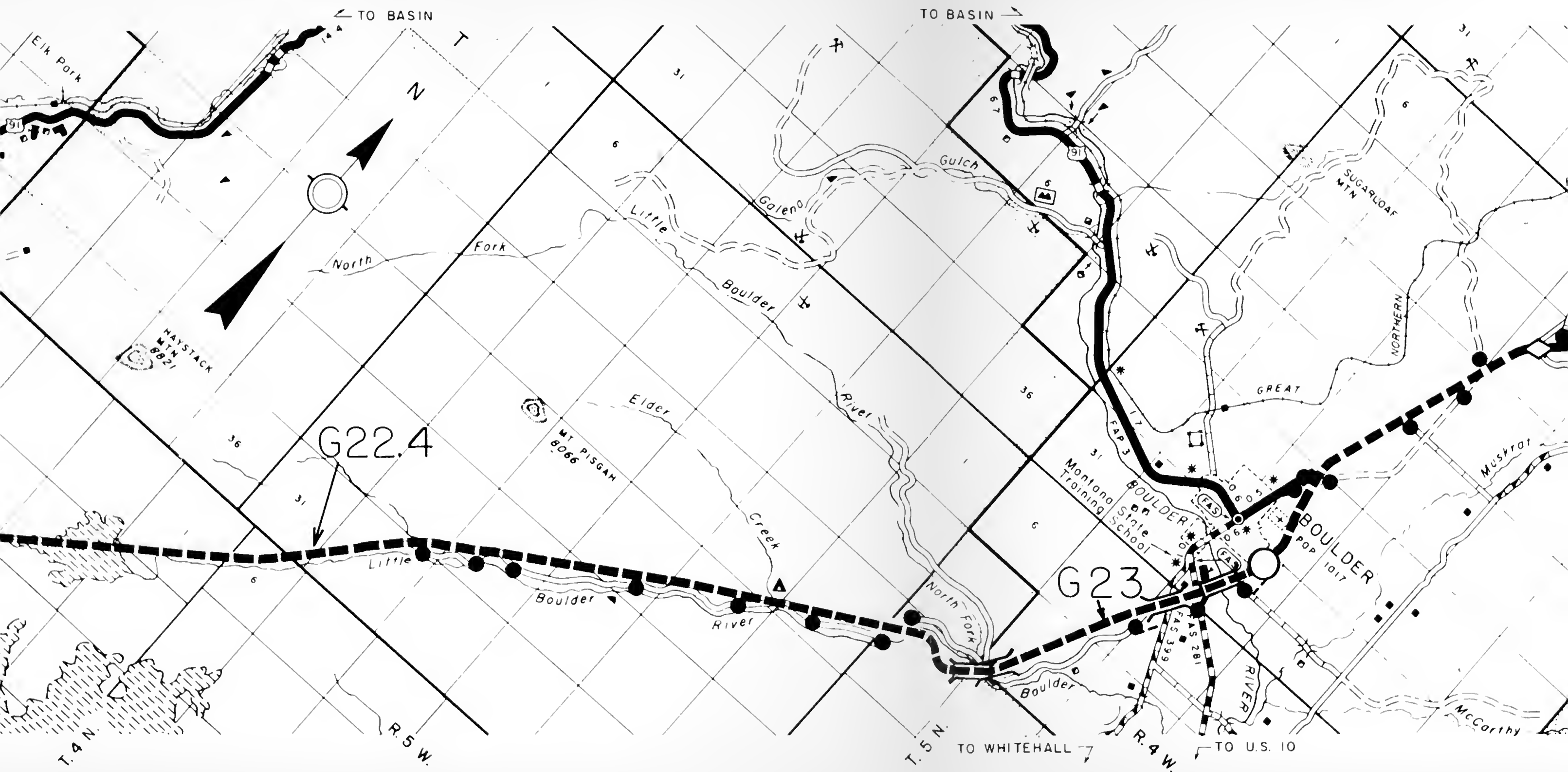
BY ROUTE SECTIONS WITH ROUTE TOTALS

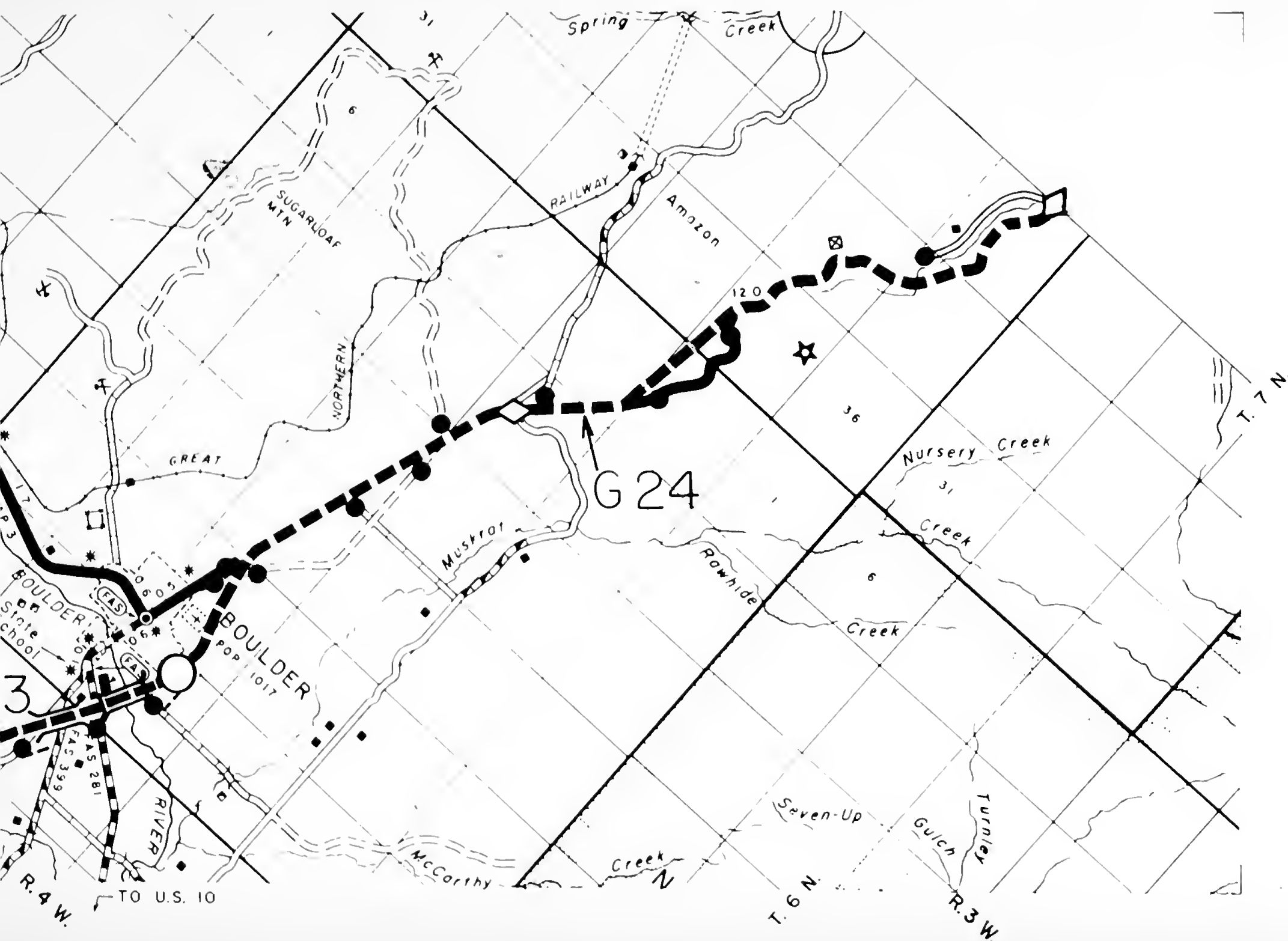
NEW INTERSTATE ROUTE NO. 115

Signatures: _____ Date _____
 State: Name and Title _____
 _____ Date _____
 BPR Division Engineer



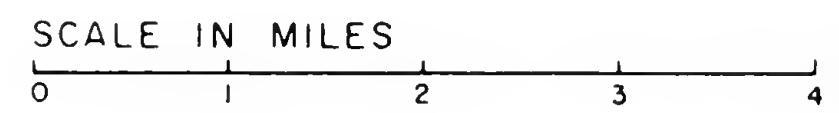






LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS



MONTANA

INTERSTATE ROUTE 15 (I02)
Sheet 3 of 8
Date January 1, 1960
INTERSTATE ROUTE 115 (I04)
(COMPLETE ROUTE ON THIS SHEET.)

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANANEW INTERSTATE ROUTE NO. 315[illegible]

Signatures:

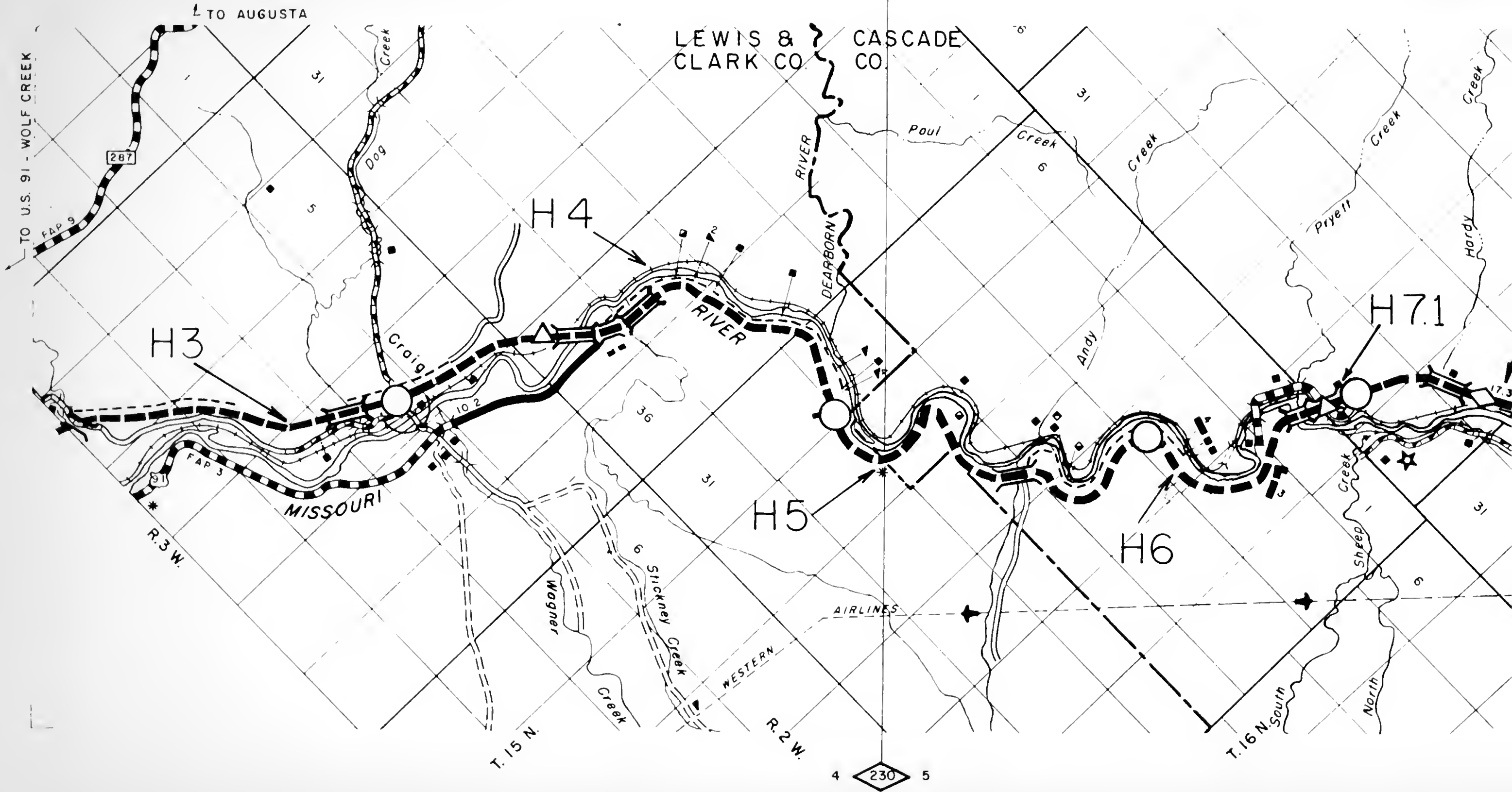
State: Name and Title

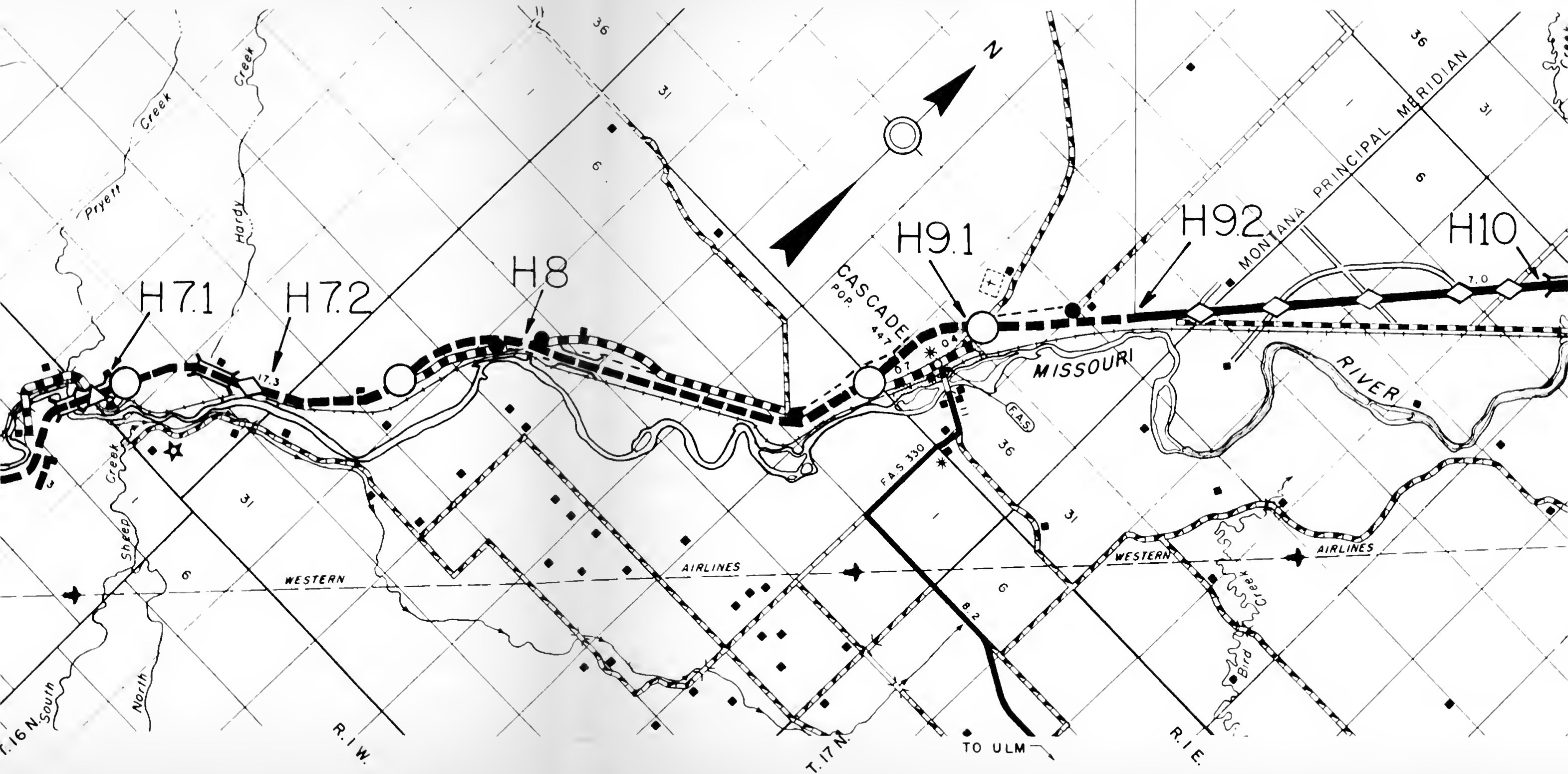
Date _____

Date _____

BPR Division Engineer

BPR Division Engineer

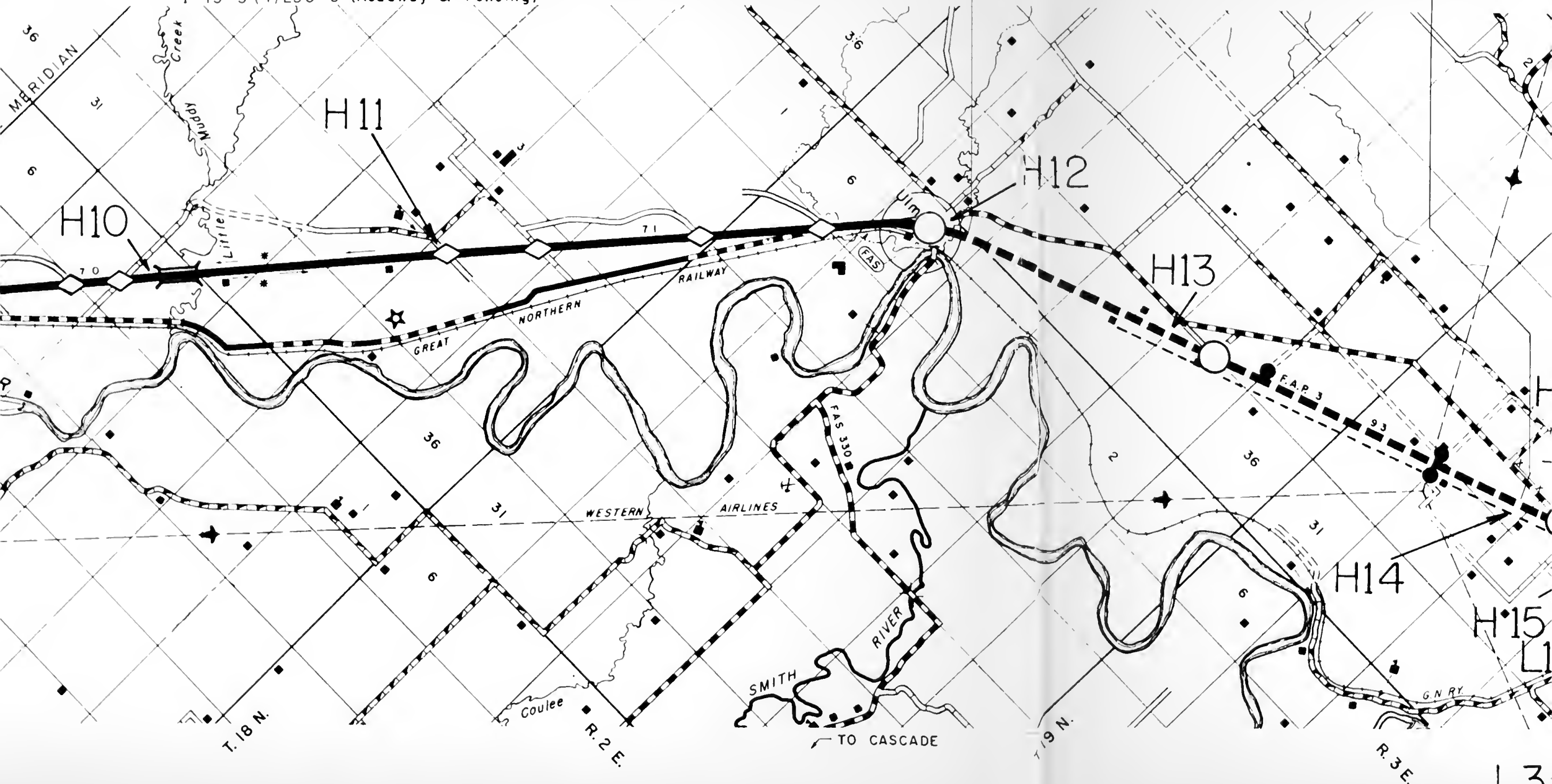




1-15-5(8)250-C (Signing)

1-15-5(2)254-C (Structures)

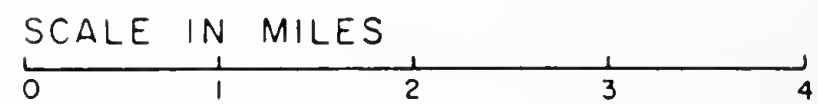
1-15-5(4)250-C (Roadway & Fencing)





LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS



MONTANA

INTERSTATE ROUTE 15 (I02)
Sheet 5 of 8
Date January 1, 1960
INTERSTATE ROUTE 315 (I05)
(COMPLETE ROUTE ON THIS SHEET.)

TABLE D - COST ESTIMATE BY ROUTES AND STATE TOTAL

SHEET 1 OF 1STATE MONTANA

NEW INTERSTATE ROUTE NUMBER Rural or Urban length, miles	15		90		94		115		315		Subtotal		Totals
	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	
	379.9	7.1	539.3	3.5	245.1	1.7	0.3	1.1	0.8	0.2	1165.4	13.6	
WORK CLASSIFICATION	ESTIMATED COSTS (1,000 Dollars)												
1. Preliminary Engineering	1409	34	1818	--	621	11	3	7	--	--	3851	52	3903
2. Right-of-way	7837	1865	15027	2499	3497	200	100	200	88	22	26549	4786	31335
3. Clear & grub; demolition	343	--	552	--	6	--	--	--	--	--	901	--	901
4. Utility adjustments	1065	363	3435	51	1050	12	--	--	11	3	5561	429	5990
5. Grade & drain; minor structures	36299	687	55911	666	13075	124	3	--	92	24	105380	1501	106881
6. Base; surfacing; shoulders	24624	742	42583	744	15471	168	25	62	177	46	82880	1762	84642
7. R. R. grade separations	1688	724	6460	115	589	--	--	--	58	--	8795	839	9634
8. Highway grade separations without ramps	1545	318	3043	--	795	216	--	--	108	--	5491	534	6025
9. Interchanges, complete	9390	1085	15438	511	5134	--	--	--	--	--	29962	1596	31558
10. Other bridges; tunnels	3752	546	11956	157	4974	87	--	--	--	--	20682	790	21472
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	4516	719	6169	334	2601	78	38	91	84	32	13318	1254	14652
13. Roadside improvements	1144	19	1704	10	801	5	2	3	2	1	3653	38	3691
14. All other items	223	--	392	--	150	--	--	--	--	--	765	--	765
15. Subtotal, lines 3 to 14	84579	5203	147643	2588	44646	690	68	156	532	106	277468	8743	286211
16. Construction Engineering & Contingencies 10% line 15	8457	521	14764	259	4464	69	7	16	53	11	27745	876	28621
17. Total Estimated Cost	102282	7623	179252	5346	53228	970	178	379	673	139	335613	14457	350070
18. Route Total, Rural plus Urban	109905		184598		54198		557		812				350070

Signatures:

State Name

Title

Date

BPR Division Engineer

Date

